

SYSTEM FOR FACILITATING ONE OR MORE TRANSACTIONS, A PLATFORM ASSOCIATED WITH THE SYSTEM AND A PROCESSING METHOD IN ASSOCIATION THERETO

5 Field Of Invention

The present disclosure generally relates to a system for facilitating one or more transactions between a plurality of users.

Background

10 Advances in technology have allowed transactions between a party and another party to be facilitated in a convenient manner (e.g., via online transaction).

Whilst convenience can be afforded, such transactions may not have been facilitated in a secure manner and/or efficient manner.

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The present disclosure contemplates that there is therefore a need for a solution which addresses, at least in part, one or more of the forgoing problems.

Summary of the Invention

20 The present disclosure relates to a system for facilitating one or more transactions between a plurality of users in one or both of a secure manner and an efficient manner. The present disclosure further relates to a platform and a processing method in association with the system and

25 In accordance with an aspect of the disclosure, there is provided a platform suitable for use to facilitate transaction between at least a first user and a second user.

The platform can include a criteria input portion usable by the first user to generate at least one input signal and a selection portion which can include at least one
30 selection generated based on the generated input signal. The platform can further include a review portion which can include review information.

A selection from the selection portion can be selected by the first user and the selection selected by the first user can correspond to the second user.

Review information can be associated with the selection selected by the first user.

5 Moreover, review information can include reference data. The reference data can include one or both of:

- verification data associable with an indication as to whether the second user is a verified user registered with the platform; and
- 10 • association data associable with an indication as to at least one mutual acquaintance between the first and second users.

One or both of verification data and association data can be indicative of a security factor associated with a transaction between the first user and the second user.

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The platform can yet further include a confirmation portion which can be used by the first user to generate, based on the security factor, a confirmation signal indicative of either acceptance to enter into a transaction with the second user or non-acceptance to enter into a transaction with the second user. Therefore, a secure manner of transaction between the first user and the second user can be facilitated.

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In accordance with another aspect of the disclosure, there is provided a processing method for facilitating a transaction between at least a first user and a second user.

25 The processing method can include one or both of a step of determining security factor and a step deriving recommendation data.

The step of determining security factor can include datamining at least one database to obtain association data and presenting verification data.

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Obtained association data can be associated with an indication as to at least one mutual acquaintance between the first and second users. Verification data can be associated with one or both of the first user and the second user.

Security factor can be based on one or both of association data and verification data. Moreover, the security factor determined can be used as a basis for determining security level associated with a transaction between the first and second users so as to facilitate, in a secure manner, transaction between the first and second users.

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The step of deriving recommendation data can include retrieving user data signals associated with the first and second users. User data signals can be associated with the real-time locations of the first and second users.

10 The step of deriving recommendation data can further include processing the retrieved user data signals to generate recommendation data. Recommendation data can correspond to a recommended location between the real-time location of the first user and the real-time location of the second user.

15 **Brief Description of the Drawings**

Embodiments of the disclosure are described hereinafter with reference to the following drawings, in which:

Fig. 1 shows a system for facilitating one or more transactions in one or both of a
20 secure manner and an efficient manner, according to an embodiment of the disclosure;

Fig. 2a to Fig. 2c show a platform associated with the system of Fig. 1, according to an embodiment of the disclosure;

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Fig. 3a to Fig. 3k illustrate the platform of Fig. 2 in an exemplary context of a peer-to-peer currency exchange platform, according to an embodiment of the disclosure; and

Fig. 4a to Fig. 4c show that the platform of Fig. 2 can be configured to generate and
30 provide a registration interface for a user to register to be a registered user of the platform, according to an embodiment of the disclosure;

Fig. 5 shows a broad overview of the platform of Fig. 2, according to an embodiment of the disclosure; and

Fig. 6 shows a processing method in association with the system of Fig. 1, according to an embodiment of the disclosure.

Detailed Description

The present disclosure relates to a system for facilitating one or more transactions between a plurality of users in one or both of a secure manner and an efficient manner. A platform (e.g., a peer-to-peer currency exchange platform) can be associated with the system. The present disclosure can further relate to a processing method for facilitating one or more transactions between a plurality of users in one or both of a secure manner and an efficient manner. The processing method can be associated with the platform. These will be discussed in further detail with reference to Fig. 1 to Fig. 6 hereinafter.

Referring to Fig. 1, a system 100 is shown, according to an embodiment of the disclosure. Specifically, Fig. 1 shows a system 100 for facilitating one or more transactions in one or both of a secure manner and an efficient manner, according to an embodiment of the disclosure. The system 100 can, for example, correspond to a communication system for facilitating one or more transactions between a plurality of users.

The system 100 can include one or more computers 102 (e.g., laptops, desktop computers and/or electronic mobile devices having computing capabilities such as Smartphones and electronic tablets), at least one host device 104 (e.g., a server), one or more databases 106 which can, for example, be carried by corresponding one or more servers (not shown) and a communication network 108 (e.g., an Internet network).

The computer(s) 102 and the host device 104 can be coupled to the communication network 108. The database(s) 106 can be coupled (i.e., via the aforementioned corresponding one or more servers) to the communication network 108 and/or reside

in the host device 104. In one embodiment, each of the computer(s) 102, the host device 104 and the database(s) 106 can be coupled to the communication network 108 by manner of one or both of wired connection and wireless connection. In another embodiment, the computer(s) 102, the host device 104 and one or more databases 106 can be coupled to the communication network 108 (i.e., by manner of one or both of wired connection and wireless connection), and one or more other databases 106 can be carried by the host device 104 (i.e., at least one database 106 can reside in the host device 104, and at least one other database 106 can be coupled to the host device 104 and/or the computer(s) 102 via the communication network 108).

The computer(s) 102 and the host device 104 can be configured to signal communicate with each other via the communication network 108. Moreover, one or both of the computer(s) 102 and the host device 104 can be configured to signal communicate with one or more database(s) 106. In this regard, the computer(s) 102, the host device 104 and one or more database(s) 106 can be coupled to each other (e.g., via the communication network 108).

In one embodiment, the computer(s) 102 can include a first computer 102a and a second computer 102b. Each of the first and second computers 102a/102b can include a display screen (not shown). The first computer 102a, the second computer 102b and the host device 104 can be configured to signal communicate with each other via the communication network 108. Moreover, the first computer 102a, the second computer 102b and/or the host device 104 can be configured to signal communicate with at least one database 106 via the communication network 108.

Moreover, the host device 104 can be configured to host/carry a platform 200 which can be configured to facilitate one or more transactions between the first computer 102a and the second computer 102b. Specifically, a user (i.e., a first user) of the first computer 102a and a user (i.e., a second user) of the second computer 102b can use the platform 200 in a manner so that one or more transactions, between the first user and the second user, can be facilitated in a secure manner and/or an efficient manner. This will be discussed later in further detail with reference to Fig. 2.

Moreover, the computer(s) 102 can be operated/usable by the aforementioned user(s) (i.e., the first user and/or the second user) to generate one or more input signals. The input signal(s) can be communicated from the computer(s) 102 to the host device 104. The host device 104 can be configured to receive and process the input signal(s) to generate control signals which can be further communicated to the database(s) 106. Furthermore, as will be discussed later in further detail, the computer(s) 102 can be configured to generate and communicate user data signals to the host device 104 for further processing to generate recommendation data for facilitating an efficient manner of carrying out transaction(s) between the first user and the second user, according to an embodiment of the disclosure.

The database(s) 106 can be configured to receive control signals from the host device 104. Based on the control signals received, the database(s) 106 can be configured to generate one or more sets of indication data 110 which can be communicated to the host device 104 and/or the computer(s) 102 (i.e., one or both of the first computer 102a and the second computer 102b) via the communication network 108. As will be discussed later in further detail, a set of indication data from the set(s) of indication data 110 can correspond to reference data which can be used for facilitating a secure manner of carrying out transaction(s) between one user (e.g., the first user) and another user (e.g., the second user), according to an embodiment of the disclosure.

In this regard, it is appreciable that the platform 200, according to an embodiment of the disclosure, can be suitable for use to facilitate one or both of:

- 1) a secure manner of carrying out transaction(s) (e.g., between the first user and the second user); and
- 2) an efficient manner of carrying out transaction(s) (e.g., between the first user and the second user).

One or both of the first and second users can be registered with the platform 200. Specifically, one or both of the first and second users can be registered user(s) of the platform 200. In one embodiment, the first user is not a registered user of the

platform whereas the second user is a registered user of the platform 200. In another embodiment, both the first and second users are registered users of the platform 200.

- 5 The platform 200 which can be hosted/carried by the host device 104 will be discussed in further detail with reference to Fig. 2 hereinafter.

Fig. 2a to Fig. 2c show a platform 200 associated with the system 100, according to an embodiment of the disclosure. The platform 200 can be hosted/carried by the host device 104. The platform 200 can preferably be implemented by manner of software programming. For example, the host device 104 can include a processor (not shown) and the platform 200 can be implemented by manner of a software code which can reside in, and which can be executed by, the processor. The software code, when executed, causes one or more interface screens, which can be visually perceivable by the aforementioned user(s) via the display screen(s) of the computer(s) 102, to be presented in association with the platform 200.

In one embodiment, the interface screens can include a home screen 202 and a plurality of subsequent screens 204.

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Specifically, the platform 200 can be configured to present a home screen 202, as shown in Fig. 2a and a plurality of subsequent screens 204, as shown in Fig. 2b and Fig. 2c. In one embodiment, as shown in Fig. 2b, the plurality of subsequent screens 204 can be presented in a sequential manner. In another embodiment, as shown in Fig. 2c, the plurality of subsequent screens 204 can be presented in a non-sequential manner.

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The home screen 202 and/or the plurality of subsequent screens 204 can be presented to, for example, one or both of the first user (of the first computer 102a) and the second user (of the second computer 102b). Specifically, the home screen 202 and/or the plurality of subsequent screens 204 can be visually perceived by the first user and/or the second user via the respective display screens of the first computer 102a and/or the second computer 102b.

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Moreover, the home screen 202 can, in one embodiment, be in the form of a graphics user interface (GUI) which can be presented to, for example, one or both of the first user (of the first computer 102a) and the second user (of the second computer 102b). In one embodiment, the plurality of subsequent screens 204 can be presented, in a sequential manner, subsequent to the home screen 202. In another embodiment, the plurality of subsequent screens 204 can be presented, in a non-sequential manner, subsequent to the home screen 202. Each of the subsequent screens 204 can, in one embodiment, be in the form of a GUI.

As shown in Fig. 2a, the home screen 202 can include a user input portion 206, a real-time data portion 208 and a comparison portion 210.

The user input portion 206 can include one or more input sections which can be used by a user to generate one or more input signals. For example, the user input portion 206 can include a first input section 206a, a second input section 206b and a third input section 206c.

The real-time data portion 208 can be configured to present real-time information associated with the generated input signal(s). For example, the platform 200 can be configured to retrieve real-time information and present the retrieved real-time information via the real-time data portion 208. In this regard, the retrieved real-time information can be presented (e.g., by manner of visual presentation) to the user who generated the input signal(s).

For example, the input signal(s) can be generated by the first user. The generated input signal(s) can be communicated to, and received by, the host device 104. Generated input signal(s) can be communicated to the host device 104 via the communication network 108. Based on the received input signal(s), the platform 200 can be configured to generate a control signal (e.g., a first control signal) which can be communicated to a database 106 (e.g., a first database) via the communication network 108. Based on the control signal (e.g., the first control signal) communicated to, and received by, the database 106 (e.g., the first database), the

database 106 (e.g., the first database) can be configured to generate a set of indication data 110 (e.g., a first set of indication data) corresponding to the aforementioned real-time information which can be communicated, via the communication network 108, to the host device 104. In this manner, the platform
5 200 can be configured to retrieve real-time information and present the retrieved real-time information via the real-time data portion 208. In this regard, real-time information retrieved can, for example, be visually perceivable by the first user.

The comparison portion 210 can be configured to present comparison information
10 based on the generated input signal(s). Specifically, the platform 200 can be configured to retrieve base data from another database 106. The platform 200 can be further configured to process the base data by manner of data comparison (e.g., as will be discussed later in further detail, the base data can be compared with data associated with a subsequent selected option based on the generated input
15 signal(s)) to generate comparison information. In this regard, the generated comparison information can be presented (e.g., by manner of visual presentation) to the user who generated the input signal(s).

For example, the input signal(s) can be generated by the first user. The generated
20 input signal(s) can be communicated to, and received by, the host device 104. Generated input signal(s) can be communicated to the host device 104 via the communication network 108. Based on the received input signal(s), the platform 200 can be configured to generate a control signal (e.g., a second control signal) which can be communicated, via the communication network 108, to a database 106 (e.g.,
25 a second database). Based on the control signal (e.g., the second control signal) communicated to, and received by, the database 106 (e.g., the second database), the database 106 (e.g., the second database) can be configured to generate a set of indication data 110 (e.g., a second set of indication data) corresponding to the aforementioned base data which can be communicated, via the communication
30 network 108, to the host device 104 for further processing. In this manner, the platform 200 can be configured to retrieve base data and further process the retrieved base data by manner of comparison to produce comparison information as

will be discussed later in further detail. Comparison information can be presented so as to be, for example, visually perceivable by the first user.

In this regard, it is appreciable that the platform 200 can be configured to perform the process of datamining to obtain/retrieve one or both of real-time information and base data. Datamining can be performed by manner of control signals (i.e., generated based on the input signal(s)) being communicated via the communication network 108 to the database(s) 106 to generate set(s) of indication data 110.

As mentioned, the plurality of subsequent screens 204 can be presented, in a sequential manner or a non-sequential manner, subsequent to the home screen 202.

As shown in Fig. 2b and Fig. 2c, the plurality of subsequent screens 204 can, for example, include a first subsequent screen 204a, a second subsequent screen 204b and a third subsequent screen 204c, according to an embodiment of the disclosure.

Each of the plurality of subsequent screens 204 can include one or more further options which can be presented (e.g., by manner of a GUI) for the user to make one or more subsequent selections.

In one embodiment, as shown in Fig. 2b, based on the generated input signal(s) by the user(s) using the home screen 202, a first subsequent screen 204a can be presented to the user. The first subsequent screen 204a can include one or more first subsequent options 212. The user can select an option from the first subsequent option(s) 212. Based on a selected option from the first subsequent option(s) 212, a second subsequent screen 204b can be presented to the user. The second subsequent screen 204b can include one or more second subsequent options 214. The user can select an option from the second subsequent option(s) 214. Based on a selected option from the second subsequent option(s) 214, a third subsequent screen 204c can be presented to the user. The third subsequent screen 204c can include one or more third subsequent options 216. The user can select an option from the third subsequent options(s) 216. In this manner, the plurality of

subsequent screens 204 can be presented, subsequent to the home screen 202, in a sequential manner.

In another embodiment, as shown in Fig. 2c, based on the generated input signal(s) by the user(s) using the home screen 202, a first subsequent screen 204a can be presented to the user. The first subsequent screen 204a can include one or more first subsequent options 212. The user can select an option from the first subsequent option(s) 212. Based on the selected option from the first subsequent option(s) 212, a second subsequent screen 204b can be presented to the user. The second subsequent screen 204b can include one or more second subsequent options 214. The user can select an option from the second subsequent option(s) 214. Based on the selected option from the second subsequent option(s) 214, the first subsequent screen 204a can be presented again (i.e., re-presented) to the user. The user can select another option from the first subsequent option(s) 212. Based on the selected option (i.e., the aforementioned another option selected based on the re-presented first subsequent screen 204a) from the first subsequent option(s) 212, a third subsequent screen 204c can be presented to the user. The third subsequent screen 204c can include one or more third subsequent options 216. The user can select an option from the third subsequent options(s) 216. In this manner, the plurality of subsequent screens 204 can be presented, subsequent to the home screen 202, in a non-sequential manner.

According to an embodiment of the disclosure, based on an option from the third subsequent option(s) 216 selected, the home screen 202 can subsequently be updated/refreshed to present an outcome display screen. The outcome display screen can be visually perceived by the user(s) as will be discussed in further detail later with reference to Fig. 3k.

Furthermore, based on an option selected in one of the subsequent screens 204, the platform 200 can be configured to data-mine, via the communication network 108, to retrieve reference data. Reference data retrieved can be associated one or both of the user and an option selected in one of the subsequent screens 204.

In one embodiment, based on an option selected by, for example, the first user in one of the subsequent screens 204, the platform 200 can be configured to generate a control signal (e.g., a third control signal) which can be communicated to a database 106 (e.g., a third database) via the communication network 108. Based on the control signal (e.g., the third control signal) communicated to, and received by, the database 106 (e.g., the third database), the database 106 (e.g., the third database) can be configured to generate a set of indication data 110 (e.g., a third set of indication data) corresponding to the aforementioned reference data which can be communicated, via the communication network 108, to one or both of the computer(s) 102 and the host device 104. Reference data retrieved can be presented so as to be, for example, visually perceivable by the first user.

For example, based on a selected option from the first subsequent option(s) 212, the platform 200 can be configured to retrieve reference data. The reference data can be associated with the selected option from the first subsequent option(s) 212. The retrieved reference data can be presented in one or both of the second subsequent screen 204b and the third subsequent screen 204c.

In one embodiment, the retrieved reference data can be presented via the second subsequent screen 204b. The third subsequent screen 204c can be presented to the user to make a selection based on the retrieved reference data presented via the second subsequent screen 204b. Specifically, based on the retrieved reference data presented at the second subsequent screen 204b, the user can, at the third subsequent screen 204c, make a selection (i.e., select an option from the third subsequent option(s) 216). Therefore, based on the retrieved reference data, the user can make a decision on which option to select from the third subsequent option(s) 216. For example, the third subsequent option(s) 216 can include an option to confirm and an option to reject the option selected from the first subsequent option(s) 212. Based on the retrieved reference data, the user can make a decision as to whether to select the option to confirm or the option to reject the option selected from the first subsequent option(s) 212. The third subsequent screen 204c can, in one embodiment, be in the form (not shown) of a pop-up window screen displaying a 'Yes' option and a 'No' option. In this regard, the third subsequent

option(s) 216 can, for example, correspond to a pop-up window displaying a GUI having a “Yes” option and a “No” option.

In one exemplary scenario, the aforementioned database(s) 106 can include a first database (not shown), a second database (not shown) and a third database (not shown). Additionally, the aforementioned set(s) of indication data can include a first set of indication data (not shown), a second set of indication data (not shown) and a third set of indication data (not shown). The platform 200, based on the input signal(s) generated by the first user, can be configured to generate a first control signal, a second control signal and a third control signal.

The first control signal can be communicated from the host device 104 to the first database. Based on the first control signal, the first database can be configured to generate a first set of indication data corresponding to the aforementioned real-time information.

The second control signal can be communicated from the host device 104 to the second database. Based on the second control signal, the second database can be configured to generate a second set of indication data corresponding to the aforementioned base data.

The third control signal can be communicated from the host device 104 to the third database. Based on the third control signal, the third database can be configured to generate a third set of indication data corresponding to the aforementioned reference data.

Earlier mentioned, real-time information and/or base data can be obtained/retrieved by the platform 200 by manner of data-mining. It is appreciable that reference data can, similarly, be obtained/retrieved by the platform 200 by manner of datamining.

Therefore, the platform 200 can be configured to perform the process of data mining to obtain/retrieve real-time information, base data and/or reference data. Data mining can be performed by manner of, for example, the first, second and third

control signals (i.e., generated based on the input signal(s)) being communicated via the communication network 108 to the respective first, second and third databases to generate corresponding first, second and third sets of indication data which can correspond to real-time information, base data and reference data respectively.

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The foregoing will be discussed in an exemplary context of a peer-to-peer currency exchange platform 300 with reference to Fig. 3 hereinafter. Specifically, the earlier discussed platform 200 can correspond to, for example, a peer-to-peer currency exchange platform 300, according to an embodiment of the disclosure.

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Referring to Fig. 3, the peer-to-peer currency exchange platform 300 can be used by a first user (e.g., of the aforementioned first computer 102a) to perform a currency exchange based transaction with a second user (e.g., of the aforementioned second computer 102b). In this regard, at the home screen 202, the first user can input a primary set of user criteria 301a and a secondary set of user criteria 301b.

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Specifically, the first input and second input sections 206a/206b of the user input portion 206 can be used by the first user in relation to the primary set of user criteria 301a. The third section 206c of the user input portion 206 can be used by the first user in relation to the secondary set of user criteria 301b.

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The primary set of user criteria 301a can include currency of origin 302 (i.e., currency for conversion) which can be input via the first input section 206a and desired currency 304 (i.e., currency to which the currency of origin is to be converted into) which can be input via the second input section 206b. Moreover, the primary set of user criteria 301a can include the amount 306 of currency of origin 302 for conversion. The first input section 206a can be used by the first user to enter the amount 306 of currency of origin 302 for conversion. The usage of the user input portion 206 by the first user can be by manner of selection based entry and/or manual keying based entry as will be discussed later in further detail with reference to Fig. 3b.

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The secondary set of user criteria 301b can, for example, relate to user preference as to when the transaction should occur. For example, the first user can prefer for the transaction to occur now or at a later date/time. This will be discussed later in further detail with reference to Fig. 3b to Fig. 3d.

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Moreover, the peer-to-peer currency exchange platform 300 can be configured to present, at the real-time data portion 208, one or more live (i.e., real-time) exchange rates associated with one or both of the currency of origin 302 and the desired currency 304. This will be discussed later in further detail with reference to Fig. 3k.

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Furthermore, the peer-to-peer currency exchange platform 300 can be configured to present, at the comparison portion 210, amount of savings based on comparison with one or more other exchange sources. This will be discussed later in further detail with reference to Fig. 3k.

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Referring to Fig. 3b, one or both of the first and second input sections 206a/206b can be in the form of drop-down menu(s) 310 with a plurality of options for user selection, according to an embodiment of the disclosure. The drop-down menu(s) 310 can present one or more national currencies such as Hong Kong Dollar (HKD), United States Dollar (USD), Singapore Dollar (SGD) and Australian Dollar (AUD) etc. for user selection. In this regard, currency of origin 302 and/or desired currency 304 can be input by the first user by manner of selection based entry. Moreover, the amount 306 (e.g., \$1000) to be converted can be manually keyed in by the first user.

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Earlier mentioned, the third input section 206c of the user input portion 206 can be used by the first user in relation to the secondary set of user criteria 301b.

The secondary set of user criteria 301b can be associated with one or both of a preliminary user criteria and additional user criteria.

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In one embodiment, based on user input of a preliminary user criteria in association with the secondary set of user criteria 301b, the first subsequent screen 204a can be presented immediately subsequent to input of the preliminary user criteria. In

another embodiment, as will be discussed later in further detail with reference to Fig. 3c and Fig. 3d, based on user input of a preliminary user criteria in association with the secondary set of user criteria 301b, the home screen 202 can be refreshed/updated to present one or more input options 312 to allow user input of additional user criteria prior to presenting the first subsequent screen 204a.

Further earlier mentioned, the secondary set of user criteria 301b can, for example, relate to user preference as to when the transaction should occur (e.g., the first user can prefer for the transaction to occur now or at a later date/time).

In this regard, the preliminary user criteria can, for example, relate to whether the first user prefers for the transaction to be performed now or later. If, via the third input section 206c, the first user indicates that the preference is for the transaction to be performed now (i.e., on urgent basis), the first subsequent screen 204a showing one or more possible matches can be presented. If, via the third input section 206c, the first user indicates that the preference is for the transaction to be performed later (i.e., not urgent), the home screen 202 can be refreshed to present one or more input options 312 in relation to the secondary set of user criteria 301b for input of more detailed user criteria.

The aforementioned one or more input signals can be generated based on one or both of the primary set of user criteria 301a and the secondary set of user criteria 301b. Based on the generated input signal(s), the first subsequent screen 204a can be configured to present one or more matches as will be discussed later in further detail with reference to Fig. 3e.

Earlier mentioned, based on user input of a preliminary user criteria in association with the secondary set of user criteria 301b, the home screen 202 can be refreshed to present one or more input options 312 to allow user input of additional user criteria prior to presenting the first subsequent screen 204a. This will be discussed in further detail with reference to Fig. 3c and Fig. 3d hereinafter.

Specifically, additional user criteria can include, user preference as to date, time and/or location etc. to perform the transaction.

Fig. 3c shows that the one or more input options 312 can be used by the first user to input additional user criteria by manner of selection based input. Specifically, the one or more input options 312 can be in the form of corresponding one or more drop-down lists 314. Additionally, one input option 312 can be used by the first user to input a preferred date to perform the transaction. Another input option 312 can be used by the first user to input a preferred time to perform the transaction. Yet another input option 312 can be used by the first user to input a preferred location to perform the transaction. In one example, an input portion 312 can be in the form of a drop-down list 314 with pre-identified locations (e.g., Airport, Central Business District (CBD), East, West) from which the first user can make a selection (i.e., selection based input). In this manner, the input option(s) 312 can be used to input additional user criteria by manner of selection based input, according to an embodiment of the disclosure.

Fig. 3d shows that the one or more input options 312 can be used by the first user to input additional user criteria by manner of one or both of selection based input and interactive display based input. Specifically, a portion of the input options 312 can be in the form of drop-down lists 314 (i.e., for selection based input) as discussed earlier with reference to Fig. 3c and another portion of the input options 312 can be in the form of interactive based display(s) (i.e., for interactive display based input). An interactive based display can, for example, be an interactive display 316 such as an interactive map. For example, one input option 312, in the form of a drop-down list 314, can be used by the first user to input a preferred time to perform the transaction, another input option 312, in the form of a drop-down list 314, can be used by the first user to input a preferred date to perform the transaction and yet another input option 312, in the form of an interactive display 316 (e.g., an interactive map), can be used by the first user to specify a preferred location to perform the transaction. In this manner, the input option(s) 312 can be used to input additional user criteria by manner of selection based input and/or interactive display based input, according to an embodiment of the disclosure.

Earlier mentioned, the first subsequent screen 204a can be configured to present one or more matches based on the generated input signal(s). This will be discussed in further detail with reference to Fig. 3e hereinafter.

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Specifically, based on the generated input signal(s), the peer-to-peer currency exchange platform 300 can be configured to generate a control signal which can be communicated to a database 106 corresponding to a user database which contains information related to one or more other users (e.g., the aforementioned second user) registered with the peer-to-peer currency exchange platform 300. The user database can, in one embodiment, be carried by the host device 104. The user database can, in another embodiment, be coupled to the host device 104 via the communication network 108. Based on the control signal communicated to the user database, one or more registered users (e.g., the aforementioned second user) can be identified and listed in the first subsequent screen 204a. Specifically, one or more registered users can be identified based on the primary set of user criteria 301a and/or the secondary set of user criteria 301b input by the first user.

Referring to Fig. 3e, the first subsequent screen 204a can be configured to present one or more matches 318 (i.e., corresponding to one or more registered users identified based on the primary set of user criteria 301a and/or the secondary set of user criteria 301b input by the first user).

Each of the matches 318 can include an identification data 319a, offer data 319b and the aforementioned first subsequent option(s) 212.

The identification data 319a can correspond to user name of a registered user (e.g., the aforementioned second user). The offer data 319b can correspond to an exchange offer related to the primary set of user criteria 301a input by the first user. The first subsequent options 212 can include options which can be selected by the first user to, for example, find out more about a registered user (e.g., an icon in the form of a click button or clicking on the name of the registered user which can function as a hyperlink), accept an offer/indicate intention to proceed further (e.g., an

“Accept”/“Request” option in the form of a click button), decline an offer (e.g., a “Decline” option in the form of a click button) and/or make contact with a registered user (e.g., a “Chat” option in the form of a click button).

5 For example, the first user can, at the user input portion 206, enter, as the primary set of user criteria 301a, the currency of origin 302 to be Australian Dollar (AUD), the desired currency 304 to be Singapore Dollar (SGD) and the amount 306 to be converted (i.e., from AUD to SGD) to be \$500. Based on the primary set of user
10 criteria 301a, four matches can be identified by the peer-to-peer currency exchange platform 300, taking into consideration an allowance of +/- 20% of the entered/specified amount of \$500.

As shown, a first match 318a, a second match 318b, a third match 318c and a fourth match 318d can be presented, identifying a first registered user, a second registered
15 user, a third registered user and a fourth registered user respectively.

The first match 318a can include an identification data 319a identifying the first registered user as “Alan Huang” and an offer data 319b corresponding to an offer to exchange AUD 600 for SGD 620. The second match 318b can include an
20 identification data 319a identifying the second registered user as “Jane Lim Wong” and an offer data 319b corresponding to an offer to exchange AUD 500 for SGD 517. The third match 318c can include an identification data 319a identifying the third registered user as “Satya Lim” and an offer data 319b corresponding to an offer to exchange AUD 550 for SGD 568. The fourth match 318d can include an
25 identification data 319a identifying the fourth registered user as “Brian Gosling” and an offer data 319b corresponding to an offer to exchange AUD 400 for SGD 412.

The first user may, for example, based on the offer data 319b of the third registered user (i.e., the third match 318c), select an option from the first subsequent options
30 212 to find out more about the third registered user (i.e., “Satya Lim”), as will be discussed with reference to Fig. 3f hereinafter.

As shown in Fig. 3f, a second subsequent screen 204b, displaying information concerning the third registered user (i.e., "Satya Lim"), can be presented. Displayed information can include any one of verification data 320a, overview data 320b, association data 320c and review data 320d, or any combination thereof.

5

The verification data 320a can relate to an indication as to whether the registered user is also a verified user (i.e., as opposed to being only a registered user) registered with the peer-to-peer currency exchange platform 300. Verification data 320a can be based on identity authentication of a registered user. Identity authentication can be by manner of verifying a valid official travel document (e.g., a valid passport) of a user and/or national identification document(s) (e.g., identity card, birth certificate) of a user provided for verification during user registration of the user as will be discussed later in further detail with reference to Fig. 4.

10

15 In one embodiment, verification data 320a can be in the form of an indication showing whether the passport details and/or national identification documents of the registered user have been verified.

In another embodiment, verification data 320a can be in the form of a profile picture (i.e., of the registered user) which has been verified against a valid official travel document and/or national identification document(s).

20

In yet another embodiment, verification data 320a can be in the form of a combination of:

25

- an indication showing whether the passport details and/or national identification documents of the registered user have been verified; and
- a profile picture (i.e., of the registered user) which has been verified against a valid official travel document and/or national identification document(s).

30

For example, as shown, the verification data 320a can correspond to an indication indicating that the third registered user has at least been verified (i.e., identity authentication of the third registered user) by manner of passport verification. Therefore, the third registered user can be certified (i.e., as indicated by the

verification data 320a) to be both a registered user and a verified user (i.e., a verified user registered with the peer-to-peer currency exchange platform 300).

The overview data 320b can be in the form of a statistical portion showing statistics of parameters concerning past transactions a registered user. For example, the overview data 320b can include parameters such as the total number of past transactions, the number of cancelled transactions and punctuality.

For example, as shown, the overview data 320b can indicate that the third registered user has had 68 transactions with no cancellations (i.e., 0 cancellation) and has never been late (i.e., 100% punctuality).

The association data 320c can include an indication as to the number of mutual acquaintances between a user (e.g., the first user) and another user (e.g., the third registered user). Mutual acquaintances, if any, between a user and another user can be based on social media connections. For example, a user can be connected to another user by at least one mutual acquaintance from a social media network (not shown).

For example, as shown, the association data 320c can be indicative that the first user and the third registered user are connected to each other by at least two mutual acquaintances (i.e., “Martha Jolie” and “Kelvin Tan”) based on at least one social media network. Based on the mutual acquaintances identified, an option (not shown) can be provided for the first user to make contact (e.g., using an option analogous to, for example, the aforementioned “Chat” option) with one or both of the identified mutual acquaintances. The mutual acquaintance(s) can be contacted by the first user to, for example, learn more about the third registered user (e.g., about reliability of the third registered user) for further verification.

In one embodiment, based on a selected option from the first subsequent option(s) 212, the peer-to-peer currency exchange platform 300 can be configured to generate a control signal (e.g., the earlier mentioned third control signal) which can be communicated to one or more database(s) 106 (e.g., the earlier mentioned third

database) associated with one or more social network(s) which can contain information related to possible social media connection(s) (i.e., mutual acquaintance(s)) between a user and another user. The database(s) 106 of corresponding one or more social media network(s) can be connected to the host device 104 via the communication network 108. In this regard, in one embodiment, the control signal communicated from the host device 104 can be used for datamining the database(s) 106 of the social media network(s) to determine possible social media connection(s) between a user (e.g., the first user) and another user (e.g., the third registered user) for generating a set of indication data 110 (e.g., the earlier mentioned third set of indication data) which can include at least the association data 320c.

The review data 320d can be in the form of one or more reviews written and posted by other users who have had one or more past transactions with a registered user. The review(s) can include comments about a registered user based on a user's transaction experience with the registered user (e.g., a good review, a bad review or a neutral review).

For example, as shown, at least two other users (i.e., "Christian Meng" and "Mary Cruise") have written reviews concerning a corresponding past transaction with the third registered user. The reviews concerning the third registered user can generally be positive reviews (i.e., good reviews).

In one embodiment, the peer-to-peer currency exchange platform 300 can include a comments posting section (not shown) for one or more users to write and post one or more reviews concerning a registered user.

Earlier mentioned, reference data which can be used for facilitating a secure manner of carrying out transaction(s) between a user (e.g., the first user) and another second user (e.g., the third registered user).

The reference data can be based on any one or any combination of the following:

- verification data 320a

- overview data 320b
- association data 320c
- review data 320d

5 Preferably, the reference data can be based on at least one or both of the verification data 320a and the association data 320c.

The present disclosure contemplates that verification data 320a can provide some degree of certainty/some form of assurance to a user concerning the authenticity of a registered user. The present disclosure further contemplates that reliance on
10 feedback from mutual acquaintance(s) (i.e., people, who may/may not be user(s)/registered user(s) of the platform 200, acquainted with both a registered user such as the third registered user and a user such as the first user) can be more reliable/reassuring as compared to random feedback from unknown sources (e.g.,
15 reviews written and posted by other users whom a user, such as the first user, may not be acquainted with).

After reviewing the reference data, the first user can subsequently elect to transact with a registered user (e.g., the third registered user) or to decline transacting with a
20 registered user (e.g., the third registered user).

In one scenario, as will be discussed in further detail hereinafter, the first user can subsequently elect to transact with the third registered user (i.e., "Satya Lim"). In another scenario, as will be discussed later in further detail, the first user can
25 subsequently elect to decline transacting with the third registered user (i.e., "Satya Lim").

In the scenario where the first user subsequently elects to transact with the third registered user (i.e., "Satya Lim"), the first user can make one or more selections via
30 one or both of the first subsequent option(s) 212 and the second subsequent option(s) 214 to take further steps for entering into a transaction with the third registered user.

In one embodiment, as shown, the second subsequent option(s) 214 can, for example, be in the form of a click button presented as a back arrow. After the first user has reviewed the reference data concerning the third registered user (i.e., "Satya Lim"), the first user can, for example, click on the back arrow, bringing the first user back to the first subsequent screen 204a. Specifically, by manner of selecting an option from the second subsequent option(s) 214 (e.g., by manner of clicking the back arrow), the first subsequent screen 204a can be presented. After the first subsequent screen 204a is re-presented (i.e., subsequent to the second subsequent screen 204b), the first user can make a selection from the first subsequent option(s) 212 (e.g., the aforementioned "Accept"/"Request" option) to indicate intention to transact with the third registered user (i.e., "Satya Lim"). After a selection has been made to indicate the first user's intention to transact with the third registered user (i.e., "Satya Lim"), a request (e.g., in the form of a request signal) can be communicated to the third registered user and the third subsequent screen 204c, as will be discussed later in further detail with reference to Fig. 3g, can subsequently be presented. In this manner, the plurality of subsequent screens 204 can be presented, subsequent to the home screen 202, in a non-sequential manner as discussed earlier with reference to Fig. 2c.

In another embodiment, the second subsequent option(s) 214 can, for example, be in the form of click buttons (not shown) presenting, for example, an "Accept"/"Request" option and a "Decline" option. The first user can, for example, click on the "Accept"/"Request" option to indicate intention to transact with the third registered user (i.e., "Satya Lim"). After a selection (e.g., by manner of clicking the "Accept"/"Request" option) has been made to confirm the first user's intention to transact with the third registered user (i.e., "Satya Lim"), a request (e.g., in the form of a request signal) can be communicated to the third registered user and the third subsequent screen 204c, as will be discussed later in further detail with reference to Fig. 3g, can subsequently be presented. In this manner, the plurality of subsequent screens 204 can be presented, subsequent to the home screen 202, in a sequential manner as discussed earlier with reference to Fig. 2b.

The request signal communicated to the third registered user can, for example, correspond to a request from the first user to establish contact with the third registered user with the intention to transact. The third registered user, upon receiving the request signal, can, for example, elect to correspond with a positive indication which can, for example, be in the form of a signal indicating positive acknowledgment (i.e., a positive acknowledgment signal).

Referring to Fig. 3g, the third subsequent screen 204c can be presented after a selection (e.g., by manner of clicking the “Accept”/“Request” option) has been made to indicate the first user’s intention to transact with the third registered user (i.e., “Satya Lim”).

The third subsequent screen 204c can, for example, be in the form of a pop-up window with a message to the first user. In one embodiment, the third subsequent screen 204c include third subsequent option(s) 216 which can provide an option for the first user to proceed further and another option for the first user to abort further process (e.g., in the event the first user has a change of mind, for any reason, concerning the third registered user). As shown, the option to proceed further can, for example, be in the form of a click button presenting an “Ok” option. The option to abort can, for example, be in the form of a click button presented in the form of an “X”.

In the scenario, where the first user elects to decline/abort (e.g., by manner of clicking on the “Decline” option from the first subsequent option(s) 212 or by manner of clicking the “X” click button from the third subsequent option(s) 216) transaction with the third registered user (i.e., “Satya Lim”), another registered user, as will be discussed later in further detail with reference to Fig. 3i, can be selected by the first user.

In one embodiment, as shown in Fig. 3h, a cancellation screen 330 can be provided after the first user clicks on the “X” click button from the third subsequent option(s) 216. Specifically, the cancellation screen 330 can be presented subsequent to the third subsequent screen 204c when the first user has elected (e.g., by manner of

clicking on the “X” click button from the third subsequent option(s) 216) to abort further process concerning a transaction with the third registered user (i.e., “Satya Lim”).

- 5 The cancellation screen 330 can include one or more cancellation options 332. Additionally, the cancellation screen 330 can be in the form of a pop-up window with a cancellation message to the first user. For example, the cancellation message can correspond to a message informing the first user that the first user has elected (e.g., by clicking on the “X” click button from the third subsequent option(s) 216) to abort
10 (i.e., to cancel) a possible transaction with the third registered user (i.e., “Satya Lim”). The cancellation option(s) 332 can include an option which be in the form of a click button presenting an “Ok” option and another option which be in the form of a click button presenting a “No” option. The first user can click on the click button presenting an “Ok” option or click button presenting a “No” option to confirm
15 cancellation or reject cancellation respectively.

In one embodiment, where the first user clicks on the click button presenting the “No” option (e.g., where the first user inadvertently clicked on the “X” click button from the third subsequent option(s) 216), the third subsequent screen 204c can be presented
20 to the first user again. Where the first user clicks on the click button presenting the “Yes” option (i.e., thereby confirming the first user’s intention to abort/not to proceed), the first subsequent screen 204a can be presented to the first user again (e.g., to select another registered user).

- 25 After the first user has decided on a registered user to transact with, a confirmation screen 340, as will be discussed in further detail with reference to Fig. 3i, can be presented.

In one embodiment, the confirmation screen 340 can be presented subsequent to
30 the third subsequent screen 204c when the first user provides an indication to transact (e.g., by clicking on the click button, from the third subsequent option(s) 216, presenting an “Ok” option) with the third registered user (i.e., “Satya Lim”) and

the third registered user has responded with, for example, a positive acknowledgment (not shown).

Fig. 3i shows, in the context of another registered user being selected by the first user and the first user providing an indication to proceed with entering into a transaction with the selected another registered user (in analogous manner discussed earlier with reference to the third registered user), the confirmation screen 340, in accordance with an embodiment of the disclosure.

Specifically, the first user can, for example, select, and provide an indication to proceed with a transaction with, the first registered user (i.e., "Alan Huang").

The confirmation screen 340 can one or more confirmation display portions. In one embodiment, the confirmation screen 340 can include a first confirmation display portion 340a, a second confirmation display portion 340b, a third confirmation display portion 340c and a fourth confirmation display portion 340d.

The first confirmation display portion 340a can, for example, correspond to a message portion which displays a message, to the first user, information concerning the registered user (i.e., the first registered user, "Alan") whom the first user is about to transact with and the currency exchange details (i.e., based on the aforementioned offer data 319b) etc.

The second confirmation display portion 340b can, for example, correspond to recommendation data generated by the host device 104 for facilitating an efficient manner of carrying out the transaction between the first user and the first registered user, according to an embodiment of the disclosure. Specifically, recommendation data can be generated by the platform 200 (i.e., the peer-to-peer currency exchange platform 300) hosted /carried by the host device 104. As will be discussed later in further detail with reference to Fig. 3j, the recommendation data can, for example, correspond to a location where both the first user and the first registered user can meet to perform the transaction, according to an embodiment of the disclosure.

The third confirmation display portion 340c can, for example, correspond to meet-up information such as time and date for the first user and the first registered user to meet up for performing the transaction. In one example, the meet-up information can be based on correspondence between the first user and the first registered user during the process when the request signal is communicated by the first user and the positive acknowledgment signal is communicated by the first registered user. In another example, the meet-up information can be based on input signal(s) (i.e., the preliminary user criteria and/or the secondary set of user criteria 301b) generated by the first user. In yet another example, the meet-up information can be based on mutual agreement between the first user and the first registered user via ad-hoc chat (i.e., by manner of earlier contact established by electing the aforementioned "Chat" option at the first subsequent screen 204a).

The fourth confirmation display portion 340d can, for example, correspond to a click button presenting a confirmation option. The first user can click on the confirmation option to make a final confirmation that the transaction (i.e., between the first user and the first registered user) is to proceed. The final confirmation can, for example, then be communicated (e.g., in the form of a final confirmation signal) to the first registered user.

Earlier mentioned, the first user can input a preferred location to perform the transaction. However, the present disclosure contemplates that, even if preferred by the first user, the input location may not be ideal and it may be necessary to provide a recommended location for the transaction to take place so as to facilitate the transaction to be performed in an efficient manner.

Further earlier mentioned user data signals (which can be generated by, and communicated from, the computer(s) 102) can be communicated to the host device 104 for further processing to generate recommendation data for facilitating an efficient manner of carrying out transaction(s) between a user and another user.

User data signals generated can be associated with the user(s) of the computer(s) 102.

In one embodiment, as will be discussed with reference to Fig. 3j, user data signals can correspond to the real-time location of the aforementioned user(s).

Referring to Fig. 3j, a location map 350 can, for example, be generated by the platform 200 and communicated to the aforementioned user(s). For example, the location map 350 can include a plurality of indications (e.g., a first indication 350a, a second indication 350b, a third indication 350c and a fourth indication 350d) and a recommendation indication 350e.

The first to fourth indications 350a/350b/350c/350d can, for example, correspond to the real-time locations of the first user, the first registered user, the second registered user and the third registered user respectively. The recommendation indication 350e can correspond to recommendation data indicative of a recommended location for the first user and the first registered user to meet for performing the transaction.

User data signals can be communicated from the computers 102 used by the first user, the first registered user, the second registered user and the third registered user. User data signals indicative of real-time location of the user(s) can be communicated from the computer(s) 102 (i.e., used by corresponding user(s)) to the host device 104 via the communication network 108. Communication of user data signals indicative of the real-time location of the user(s) can be performed by, for example, geolocation based techniques.

For example, the first user can be using a Smartphone device (i.e., an example of a computer 102) and the first registered user can be using an electronic tablet device (i.e., another example of a computer 102). The user data signals indicative of the real-time location of the first user can be communicated by the Smartphone device, via the communication network 108, to the host device 104 and the user data signals indicative of the real-time location of the first registered user can be communicated by the electronic tablet device, via the communication network 108, to the host device 104. In one embodiment, the platform 200 (i.e., peer-to-peer currency

exchange platform 300) can be configured to retrieve user data signals from the computer(s) 102 (e.g., by manner of communicating a control signal to the computer(s) 102).

- 5 User data signals communicated from the Smartphone device and the electronic tablet device can be received by the host device 104 and processed. Preferably, the user data signals can be received and processed by the platform 200 to generate recommendation data. Recommendation data can, for example, be depicted by the recommendation indication 350e.

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In one embodiment, user data signals can be processed by the platform 200 to generate recommendation data based on convenience criteria. Convenience criteria can be related to the determination of a location which is between the real-time location of the first user and the real-time location of the first registered user.

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In another embodiment, user data signals can be processed by the platform 200 to generate recommendation data based on security criteria. Security criteria can relate to a safe location for the transaction between the first user and the first registered user to be performed. Security criteria can, for example, be based on
20 human traffic associated with a location and past crime rate/history associated with a location. In this regard, a control signal can be generated by the platform 200 and communicated for, for example, datamining one or more relevant database(s) 106 which can contain information associated with the aforementioned security criteria.

- 25 In yet another embodiment, user data signals can be processed by the platform 200 to generate recommendation data based on a combination of both convenience criteria and security criteria. Specifically, user data signals can be processed by the platform 200 to generate recommendation data corresponding to a location which is a safe location and which is between the real-time location of the first user and the
30 real-time location of the first registered user.

Earlier mentioned, based on an option from the third subsequent option(s) 216 selected, the home screen 202 can subsequently be updated/refreshed to present an outcome display screen.

5 Specifically, in one example, clicking on a click button presenting an “OK” option (i.e., indicative of the first user’s intention to proceed further) in relation to the third subsequent option(s) 216 can subsequently lead to the confirmation screen 340 being presented (i.e., in the situation where the first user is satisfied that a registered user is suitable for the transaction). Based on a final confirmation by the first user by
10 manner of, for example, clicking a click button presenting a confirmation option (i.e., the fourth confirmation display portion 340d) at the confirmation screen 340, the home screen 202 can be updated/refreshed to present an outcome display screen, as will be discussed in further detail with reference to Fig. 3k hereinafter.

15 Referring to Fig. 3k, an outcome display screen 360 is shown, according to an embodiment of the disclosure.

The outcome display screen 360 can be based on an updated/refreshed home screen 202. Update of the home screen 202 can be in association with at least one
20 of the real-time data portion 208 and the comparison portion 210.

Earlier mentioned, the peer-to-peer currency exchange platform 300 can be configured to present, at the real-time data portion 208, one or more live (i.e., real-time) exchange rates associated with the currency of origin 302 and/or the desired
25 currency 304.

The live exchange rate(s) can be based on real-time exchange rate(s) of the currency of origin 302 and/or the desired currency 304 published on, for example, the internet (e.g., a foreign currency exchange website or a banking website).

30

In one example, after the first user, via the first input section 206a, enters the currency of origin 302 (e.g., HKD), a control signal can be communicated from the peer-to-peer currency exchange platform 300, via the communication network 108,

for datamining one or more relevant database(s) 106 to retrieve the real-time exchange rate(s) of the currency of origin 302. As shown, the retrieved real-time exchange rate(s) can be presented, at the real-time data portion 208, by manner of one or both of numerical presentation 370a and graphical presentation 370b.

5

In this regard, it is appreciable that the earlier mentioned real-time information (which can be presented via the real-time data portion 208) can correspond to the live exchange rate(s). Specifically, a control signal (e.g., the earlier mentioned first control signal) can be communicated for datamining a database 106 (e.g., the earlier mentioned first database) such as a database associated with a foreign currency exchange website/a banking website to generate the first set of indication data (i.e., live exchange rate(s)).

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Further earlier mentioned, the peer-to-peer currency exchange platform 300 can be configured to present, at the comparison portion 210, amount of savings based on comparison with one or more other exchange sources.

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In one example, the one or more other exchange sources can include a first exchange source 380a (e.g., airport based exchange rate) having a first exchange rate, a second exchange source 380b (e.g., overseas based credit card) having a second exchange rate, a third exchange source 380c (e.g., overseas based automated teller machine card) having a third exchange rate and a fourth exchange source 380d (e.g., city based money changer) having a fourth exchange rate.

20

Based on, for example, the first to fourth exchange sources 380a/380b/380c/380d, the peer-to-peer currency exchange platform 300 can be configured to determine an average competitor rate 390a (i.e., based an average of the first to fourth exchange rates). Based on the average competitor rate 390a and the aforementioned offer data 319b of a registered user selected by the first user, the peer-to-peer currency exchange platform 300 can be further configured to determine amount of savings which can be presented by manner of a numerical representation 390b at the comparison portion 210.

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In this regard, it is appreciable that the earlier mentioned comparison data (which can be presented via the comparison portion 210) can correspond to the amount of savings. Specifically, a control signal (e.g., the earlier mentioned second control signal) can be communicated for datamining at least one database 106 (e.g., the earlier mentioned second database) such as a database associated with at least one other exchange source to obtain/retrieve base data (i.e., at least one exchange rate of corresponding at least one other exchange source) for further processing (e.g., by manner of comparison relative to offer data 319b) so as to generate the second set of indication data (i.e., amount of savings).

Therefore it is appreciable that an outcome display screen 360 can be presented after the first user has provided a final confirmation as to which registered user the first user desires to transact with and the home screen 202 is updated accordingly to produce the outcome display screen 360 based on at least the primary set of user criteria 301a input by the first user and an option selected from the third subsequent option(s) 216.

Earlier mentioned, the verification data 320a can relate to an indication as to whether the registered user is also a verified user registered with the peer-to-peer currency exchange platform 300. Verification data 320a can be based on identity authentication of a registered user. Identity authentication can be by manner of verifying a valid official travel document (e.g., a valid passport) of a user and/or national identification document(s) (e.g., identity card, birth certificate) of a user provided for verification during user registration of the user as will be discussed in further detail with reference to Fig. 4 hereinafter.

Referring to Fig. 4a to Fig. 4c, the platform 200 (i.e., the peer-to-peer currency exchange platform 300) can be configured to generate and provide a registration (i.e., sign-up) interface 400 for a user to register (i.e., sign up) to be a registered user of the platform 200.

The registration interface 400, as shown in Fig. 4a, can include a first registration section 400a for a user to provide general user details such as name (first name, last

name, middle name etc.), contact information (email, mobile phone number etc.) and login details (username, password etc.) so as to create a user profile. The first registration 400a (as will be shown in Fig. 4b) can further be used by a user to provide a profile photo to create a user profile.

5

The registration interface 400, as shown in Fig. 4b, can further include, optionally, a second registration section 400b in relation to the aforementioned verification data 320a. Specifically, the second registration section 400b allows a user to be registered to upload verification details such as a valid official travel document (e.g.,
10 a valid passport) and/or national identification document(s) such as a photo identity card (ID card), for authenticating identity of the user. Other verification details can include, for example, one or more bills issued over a period (e.g., a few months to a year or more) by one or more billing organizations (e.g., a telco organization and/or credit card organization) to the user. The uploaded verification details can be used
15 to verify the user profile (e.g., name, address and/or profile photo) so as to authenticate identity of the user.

Verification can be performed by manner of one or both of manually and automatically.

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In one example, verification can be performed manually by manner of administrator(s) of the peer-to-peer currency exchange platform 300 verifying the authenticity of the uploaded verification details by, for example, ensuring the provided passport details/photo ID card details are genuine and valid (e.g., by
25 database cross-checking against official government databases) and/or verifying the user profile of a user to be registered based on uploaded verification details (e.g., ensuring the provided name and uploaded profile photo match, respectively, with the name and the photo of the photo ID card/passport).

30 In another example, verification can be performed automatically by manner of the platform 200 (i.e., peer-to-peer currency exchange platform 300) being configured to perform a recognition process such as facial and/or text matching (e.g., matching

provided name and/or uploaded profile photo with, respectively, name and/or photo of the photo ID card/passport).

5 In yet another example, verification can be performed automatically by manner of the platform 200 (i.e., peer-to-peer currency exchange platform 300) being configured for datamining a database 106 associated with a billing organization to verify that details of the uploaded bill(s) (e.g., by manner of optical character recognition) match the relevant information available in the database 106 associated with the billing organization. It is appreciable manual verification of the uploaded bill(s) by the
10 administrator(s) of the peer-to-peer currency exchange platform 300 can also be performed.

As shown in Fig. 4c, the platform 200 can be configured to generate a pop-up dialogue message display box 400c to inform a user (to be registered) that the
15 uploaded verification details will be verified and the confirmation concerning identity authentication of the user to be registered will be provided after the process of verification has been completed.

Subsequent to successful and complete verification of the uploaded verification
20 details, an indication in association with the aforementioned verification data 320a indicating that the registered user is also a verified user registered with the platform 200 (i.e., peer-to-peer currency exchange platform 300) can be provided.

In this regard, it is appreciable that by the above registration manner (i.e., via the
25 registration interface 400), any of the aforementioned users (e.g., the first user, the second user, the first registered user, the second registered user etc.) can elect to be certified so as to become one or both of a registered user and a verified user of the platform 200.

30 To put the foregoing in general perspective, a broad overview of the platform 200 (e.g., peer-to-peer currency exchange platform 300) is shown in Fig. 5, according to an embodiment of the disclosure.

Earlier mentioned, the platform 200 can be suitable for use for facilitating transaction between a first user and a second user in one or both of a secure manner and an efficient manner. The first and second users can be using, respectively, the first and second computers 102 to access the platform 200 which can be hosted/carried by the host device 104. Further earlier mentioned, the first and second computers 102 can be coupled to the host device 104 via the communication network 108.

As shown in Fig. 5, the platform 200 can include a criteria input portion 502, a selection portion 504, a review portion 506 and a confirmation portion 508.

The criteria input portion 502 can be used by the first user to generate one or more input signals. The user input portion 502 can correspond to the earlier discussed user input portion 206.

The selection portion 504 can include one or more selections which can be selected by the first user. The one or more selections can be generated based on the input signal(s) generated by the first user. The one or more selections can correspond to the earlier discussed one or more matches 318 presented via the first subsequent screen 204a. In one embodiment, the one or more matches 318 can be presented via the first subsequent screen 204a in the form of a list and the second user can be a registered user listed on the presented list.

The review portion 506 can include review information associated with the selection selected by the first user. In one embodiment, the selection selected by the first user can correspond to the second user (i.e., the selection selected by the first user can be indicative that the first user has an intention to enter into a transaction with the second user) and the review information can be associated with the second user.

The review information can include the earlier discussed reference data presented via the second subsequent screen 204b. Preferably, the reference data includes at least one or both of verification data and association data. Verification data can be associated an indication as to whether the second user is a verified user registered

with the platform 200. Association data can be associated with an indication as to at least one mutual acquaintance between the first and second users.

One or both of the verification data and the association data can be indicative of a security factor associated with a transaction between the first user and the second user. The security factor can be derived/determined based on one or both of automatic assessment and manual assessment.

Automatic assessment can be by manner of the platform 200, taking into consideration one or more parameters such as whether the second user is a verified user and the number of mutual acquaintances between the first user and the second user (e.g., referring to Fig. 3f, the association data can indicate that there are two mutual acquaintances, "Martha Jolie," and "Kelvin Tan", between the first and second users), generate an indication in association with the security factor. The indication can be generated in one or both of textual form and graphical form.

In one example, in relation to the indication associated with the security factor being generated and presented in textual form (i.e., textual based manner), a numerical score (e.g., a score of "8" out of a highest possible score of "10") can be generated, in consideration of parameters indicative that the second user is a verified user and there are two mutual acquaintances between the first and second users. The numerical score can be adjusted according to the considered parameters. For example, if the parameters are indicative that the second user is a verified user but there are no mutual acquaintances between the first and second users, the numerical score can be lowered accordingly (e.g., a score of "6.5" out of a highest possible score of "10"). Appreciably, different importance may be attributed to the different parameters in the form of 'weights'. The present disclosure further contemplates that the number of mutual acquaintances can be given a higher weight or importance. For example, the numerical scores can be either increased (e.g., to "9" from the earlier example of "8" out of the highest possible score of "10") or lowered (e.g., to 4 or below as compared to the earlier example of "6.5" out of the highest possible score of "10") when the number of mutual acquaintances is to be given higher weight as compared to whether the second user is a verified user.

In another example, in relation to the indication associated with the security factor being generated and presented in graphical form (i.e., graphical based manner), a colored indication can be generated (e.g., the name of the second user can be colored or a colored bar can be generated adjacent the name of the second user). Specifically, the name of the second user can be highlighted in the color green, in consideration of parameters indicative that the second user is a verified user and there are two mutual acquaintances between the first and second users. The color can be changed according to the considered parameters. For example, if the parameters are indicative that the second user is a verified user but there are no mutual acquaintances between the first and second users, the name of the second user can be highlighted in amber instead of green.

The above considered parameters can be communicated in the form of data signals for computation by the platform 200 to generate the indication associated with the security factor by manner of automatic assessment.

Manual assessment can be by manner of the first user assessing the review information presented and making a personal assessment of the security factor. Specifically, the first user can personally assess whether it is safe or not (i.e., security factor) to enter into a transaction with the second user based on the review information presented.

The confirmation portion 508 can be used by the first user to generate a confirmation signal indicative of one of acceptance to enter into a transaction with the second user and non-acceptance to enter into a transaction with the second user. The confirmation signal indicative of acceptance to enter into a transaction with the second user can be generated via the earlier discussed option, from the third subsequent option(s) 216 presented via the third subsequent screen 204c, for the first user to proceed further. The confirmation signal indicative of non-acceptance to enter into a transaction with the second user can be generated via the earlier discussed option, from the third subsequent option(s) 216 presented via the third subsequent screen 204c, for the first user to abort further process.

Appreciably, the first user can generate the confirmation signal based on the security factor. Hence transaction between the first user and the second user can be facilitated (i.e., by the platform 200) in a secure manner, according to an embodiment of the disclosure.

Moreover, according to an embodiment of the disclosure, the platform 200 can be configured to facilitate an efficient manner of carrying out the transaction between the first user and the second user.

In one embodiment, when a confirmation signal indicative of acceptance to enter into a transaction with the second user is generated by the first user, the platform 200 can be configured to generate the earlier discussed recommendation data. Based on the recommendation data, an efficient manner of carrying out the transaction between the first user and the second user can be facilitated.

Recommendation data can be generated based on user data signals associable with the first user and user data signals associable with the second user. As discussed earlier, user data signals associable with the first user can be generated by the first computer 102 (i.e., which is used by the first user) and user data signals associable with the second user can be generated by the second computer 102 (i.e., which is used by the second user). Further discussed earlier, user data signals associable with the first user can be associated with real-time location of the first user and user data signals associable with the second user can be associated with real-time location of the second user.

Earlier mentioned, the platform 200 can be implemented by manner of software programming. For example, the host device 104 can include a processor (not shown) and the platform 200 can be implemented by manner of a software code which can reside in, and which can be executed by, the processor.

In this regard, each of the criteria input portion 502, selection portion 504, review portion 506 and confirmation portion 508 can be a corresponding software module/software routine forming a part of the platform 200.

5 Moreover, the platform 200 can, for example, be configured (e.g., by manner of programming) to receive, process and/or generate the aforementioned signals (input signal(s), control signal(s), user data signals, data signals etc.) by way of communication of appropriate instruction(s) (e.g., communication of software command(s)) to, for example, the processor of the host device 104 to perform any
10 required computation/processing.

Fig. 6 shows a processing method 600 in association with the system 100, according to an embodiment of the disclosure. Specifically, a processing method 600 for facilitating a transaction between at least a first user (i.e., of the earlier mentioned
15 first computer) and a second user (i.e., of the earlier mentioned second computer) in one or both of a secure manner and an efficient manner is shown, according to an embodiment of the disclosure.

The processing method 600 can include one or both of a step of determining security
20 factor 602 and a step of deriving recommendation data 604.

The step of determining security factor 602 can be in relation to facilitating transaction between the first user and the second user in a secure manner. The step of deriving recommendation data 604 can be in relation to facilitating transaction
25 between the first user and the second user in an efficient manner.

The step of determining security factor 602 can include datamining at least one database to obtain association data and presenting verification data.

30 Earlier mentioned (e.g., with reference to Fig. 3f), association data can be associated with an indication as to at least one mutual acquaintance between the first and second users.

Moreover, verification data can be associated with one or both of the first user and the second user.

Further earlier mentioned (e.g., with reference to Fig. 5), one or both of the verification data and the association data can be indicative of a security factor associated with a transaction between the first user and the second user. The security factor can be derived/determined based on one or both of automatic assessment and manual assessment.

Therefore, security factor can be based on one or both of association data and verification data. Moreover, the security factor determined can be used as a basis for determining (e.g., automatic assessment and/or manual assessment) security level associated with a transaction between the first and second users so as to facilitate, in a secure manner, transaction between the first and second users.

The step of deriving recommendation data 604 can include retrieving user data signals and processing the retrieved user data signals to generate recommendation data. Specifically, user data signals associated with the first and second users can be retrieved.

Earlier mentioned, the platform 200 (i.e., peer-to-peer currency exchange platform 300) can be configured to retrieve user data signals from the computer(s) 102 (e.g., by manner of communicating a control signal to the computer(s) 102).

Yet further earlier mentioned, recommendation data can be indicative of a recommended location for the first user and the second user (e.g., first registered user) to meet for performing the transaction. User data signals indicative of real-time location of the user(s) can be communicated from the computer(s) 102 (i.e., used by corresponding user(s)) to the host device 104 via the communication network 108. Communication of user data signals indicative of the real-time location of the user(s) can be performed by, for example, geolocation based techniques.

In this regard, the retrieved user data signals can be processed (e.g., based on the earlier mentioned convenience criteria/earlier mentioned combination of both convenience criteria and security criteria) to generate recommendation data corresponding to a recommended location between the real-time location of the first user and the real-time location of the second user.

It should be further appreciated by the person skilled in the art that variations and combinations of features described above, not being alternatives or substitutes, may be combined to form yet further embodiments.

In the foregoing manner, various embodiments of the disclosure are described for addressing at least one of the foregoing disadvantages. Such embodiments are intended to be encompassed by the following claims, and are not to be limited to specific forms or arrangements of parts so described and it will be apparent to one skilled in the art in view of this disclosure that numerous changes and/or modification can be made, which are also intended to be encompassed by the following claims.

In one example, earlier mentioned, an option (e.g., a “Chat” option) can be provided for a user (e.g., the first user) to make contact with one or both of the identified mutual acquaintances to, for example, learn more about a registered user (e.g., the third registered user). The present disclosure contemplates that the platform 200 (e.g., the peer-to-peer currency exchange platform 300) can be further configured to provide a conference option (e.g., a teleconference option) to provide a common communication channel for a user, identified mutual acquaintance(s) and a registered user to communicate.

In another example, it was earlier mentioned that user data signals can be received and processed by the platform 200 to generate recommendation data and the communication of user data signals indicative of the real-time location of the user(s) can be performed by, for example, geolocation based techniques. The present disclosure contemplates that user data signals can, in one alternative, be processed by the platform 200 to derive user behavioral data. The present disclosure

contemplates that user data signals can, in another alternative, be processed by the platform 200 to generate recommendation data and derive user behavioral data.

User behavioral data can be associated with imputable user reliability. For example, user data signals received can be indicative that a user's (e.g., the second user) workplace is located at a central business district area (e.g., user data signals can be indicative that a user habitually commutes to the central business district area at similar timings on weekdays, thereby inferring that the, for example, second user could be a white collar worker in the central business district area).

Specifically, user data signals associated with a user (e.g., the second user) can be indicative that the second user is, for example, a white collar worker having a stable job. Therefore, it can be imputed that the second user is a reliable person and can therefore be classified as a low-risk security concern.

In this regard, the platform 200 can be configured to compute current and/or historical real-time location(s) of the, for example, second user in relation to date(s) and/or time to derive a common association/pattern indicative of user habit (e.g., habitual commuting to the central business district area at similar timings on weekdays) to derive user behavioral data indicative of user reliability.

The present disclosure further contemplates that the aforementioned security factor can further be based on user behavioral data.

This can be illustrated using the earlier example a numerical score of "8" out of a highest possible score of "10" being generated in the context of the second user being a verified user and there are two mutual acquaintances between the first and second users. Where it can be imputed that the second user can be classified as a low-risk security concern based on user behavioral data, the numerical score can be increase from "8" to "8.5".

Claim(s)

1. A platform suitable for use to facilitate transaction between at least a first user and a second user, the platform comprising:

5 a criteria input portion usable by the first user to generate at least one input signal;

a selection portion comprising at least one selection generated based on the generated input signal, a selection from the selection portion being selectable by the first user and the selection selected by the first user
10 corresponds to the second user;

a review portion comprising review information associated with the selection selected by the first user, review information comprising reference data and the reference data comprising at least one of:

verification data associable with an indication as to whether the
15 second user is a verified user registered with the platform; and

association data associable with an indication as to at least one mutual acquaintance between the first and second users,

wherein at least one of verification data and association data being indicative of a security factor associated with a transaction
20 between the first user and the second user;

a confirmation portion usable by the first user to generate a confirmation signal indicative of one of acceptance to enter into a transaction with the second user and non-acceptance to enter into a transaction with the second user, based on the security factor thereby facilitating transaction
25 between the first user and the second user in a secure manner.

2. The platform as in claim 1, wherein the platform is carried by a host device which is coupled to at least one database, the platform being configurable to cause the host device to generate and communicate a control signal for datamining at least
30 one database to generate the association data.

3. The platform as in claim 2, the at least one database being associable with at least one social media network, the at least one mutual acquaintance being based on at least one social media connection between the first user and the second user.

5 4. The platform as in claim 1, the verification data being based on identity authentication of at least one of the first user and the second user.

5. The platform as in claim 4, identify authentication of at least one of the first user and the second user being by manner of uploaded verification details during
10 registration of the at least one of the first user and the second user to be registered with the platform.

6. The platform as in claim 1, wherein the platform is configured to present the security factor in at least one of textual based manner and graphical based manner.

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7. The platform as in claim 1,
wherein the platform is configurable to facilitate transaction between the first user using a first computer and a second user using a second computer, and

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wherein when a confirmation signal indicative of acceptance to enter into a transaction with the second user is generated by the first user, the platform is configurable to generate recommendation data for facilitating an efficient manner of carrying out the transaction between the first user and the second user.

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8. The platform as in claim 7,
wherein recommendation data is generated based on user data signals associable with the first user and user data signals associable with the second user,

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wherein user data signals associable with the first user are associable with real-time location of the first user, and

wherein user data signals associable with the second user are associable with real-time location of the second user.

9. The platform as in claim 8, wherein the first computer is configurable to generate the user data signals associable with the first user and the second computer is configurable to generate the user data signals associable with the second user.

10. A processing method for facilitating a transaction between at least a first user and a second user, the processing method comprising:

at least one of a step of determining security factor and a step deriving recommendation data,

wherein the step of determining security factor comprises:

datamining at least one database to obtain association data, obtained association data being associable with an indication as to at least one mutual acquaintance between the first and second users; and

presenting verification data associable with at least one of the first user and the second user,

wherein security factor is based on at least one of association data and verification data, and

wherein the security factor determined is used as a basis for determining security level associated with a transaction between the first and second users so as to facilitate, in a secure manner, transaction between the first and second users;

wherein the step of deriving recommendation data comprises:

retrieving user data signals associated with the first and second users, user data signals being associable with the real-time locations of the first and second users; and

processing the retrieved user data signals to generate recommendation data corresponding to a recommended location between the real-time location of the first user and the real-time location of the second user.