FOREIGN USER SUPPORT INTEGRATED MANAGEMENT SYSTEM FOR PROVIDING SIMPLIFICATION OF ADMINISTRATIVE PROCEDURE

[TECHNICAL FIELD]

[0001] The present disclosure relates to a foreign user support integrated management system, and more particularly, to a foreign user support integrated management system for providing simplification of an administrative procedure which collectively manages and provides life support services related to residence, mobile usage, and visa management of the foreign user by utilizing an information communication technology to request and acquire user's necessary information according to a predetermined criterion and provide a customized service to user by networking with an external server.

[BACKGROUND ART]

[0002] With the positive evaluation of Korea's national image driven by the successful hosting of Korean dramas, K-pop, Taekwondo, and various international events, there is an increase not only in tourists intending to visit Korea for tourism purposes but also in international students and foreigners visiting to stay in Korea.

[0003] The number of foreign tourists who visited Korea fell from 17.5 million in 2019 to 2.52 million in 2020 due to the onset of the COVID-19 pandemic, and subsequently declined to around 970,000 in 2021. However, in the post-pandemic period of 2022, it rebounded to 3.2 million and recovered to the 11 million mark last year.

[0004] According to the 'Korean Life of Foreign Residents' report published by Statistics Korea, with a focus on the 'Results of the 2022 Survey on Immigrants' Living Conditions and Labor Force,' it was found that foreigners staying in Korea experienced difficulties in Korean life, such as language (43.4%), loneliness (28.8%), cultural differences in lifestyle and food (27.8%), and economic difficulties (20.0%) (on a multiple-response basis).

[0005] Foreigners intending to begin their lives in Korea may face potential language barriers when interacting with government agencies or utilizing public services that predominantly support only the Korean language. Furthermore, they may encounter fundamental communication obstacles while shopping at stores and utilizing medical facilities.

[0006] As Korean is recognized by UNESCO as one of the most difficult languages in the world to learn, these linguistic difficulties may present the following challenges to foreigners.

[0007] Further, foreigners intending to reside in Korea may waste unnecessary time and efforts due to inconveniences of administrative services and intricate procedures, in addition to the linguistic barriers.

[0008] In order for foreigners visiting Korea to secure a residential space, basically, an alien registration card and a mobile phone number are required and the corresponding administrative procedures are very intricate as described below.

[0009] [Day 1]

[0010] Entry into the country - Checking in temporary accommodation - First visit to a mobile service provider to receive guidance on required documents for prepaid number issuance - Preparing documents for prepaid number issuance (workplace/university) - Second visit to the mobile service provider for prepaid number issuance

[0011] [Day 2]

[0012] First visit to bank to receive guidance on required documents to open a limited-transaction account - Preparing documents required to open a limited-transaction account (workplace/university) - Second visit to bank to open a limited-transaction account

[0013] [Day 3]

[0014] Scheduling an appointment for an Alien Registration Card (workplace/university) - First visit to a real estate agency to move into a residential space - Visiting an immigration office

for the issuance of the Alien Registration Card - Second visit to a real estate agency to secure the residential space - Third visit to the bank to apply for internet banking - Third visit to a mobile service provider to switch to a deferred payment plan.

[0015] This procedure represents basic administrative processes required for the foreigner to begin the life in Korea, but actually, additional procedures may be required depending on individual circumstances and confusion may be caused due to the complexity of specific documents and conditions required for each step.

[0016] In order to overcome the difficulties described above, the Korean government and various organizations operate Korean language education programs, multilingual service centers, and online information portals designed for foreigners. However, substantial difficulties still remain for foreigners who lack information or capacity to independently search for the information to utilize the resources.

[0017] Accordingly, there is a need to provide a convenient, effective, and automated service to enable expedited execution of administrative procedures.

[0018] As a prior art document providing procedure information for visa, “Method and apparatus for providing visa information service customized for foreigner (Publication No. 10-2021-0120563, hereinafter, cited as Patent Document 1)" has been disclosed.

[0019] According to Patent Document 1, an information retrieval unit which retrieves foreigner status information from an administrative agency server based on foreigner ID information received from a user terminal and a visa information selection unit which selects visa related information from item information and foreigner status information corresponding to the foreigner ID information to provide the visa related information to the user terminal are included.

[0020] As a prior art document providing services for visa issuance and extension application to foreigners, “Total online service system for applying visa issuance and visa extension for

foreigners residing in Korea (Registration No. 10-2421083, hereinafter, cited as Patent Document 2)" has been disclosed.

[0021] Patent Document 2 provides a total online agency service system for applying visa issuance and visa extension for foreigners residing in Korea including a user terminal in which a dedicated application is installed to be connected to a visa agency server to communicate with the visa agency server, visa issuance and visa extension application information is provided through the dedicated application, and a visa application, a translation request, and payment for the visa issuance and visa extension are performed; a visa agency server in which personal information and payment information of a registered user transmitted from the user terminal are stored and managed, the visa application and the translation request are received from the user terminal along with power of attorney document and required documents, foreign language documents requested for translation are automatically translated into Korean, and the stored Korean translation is transmitted to the dedicated application, and the visa application, the power of attorney document, and the required documents are verified, and then the verified visa application, power of attorney document, and required documents are transmitted to a visa approval authority server to execute the visa application by proxy, and application confirmation and examination result information transmitted from the visa approval authority server are transmitted to the dedicated application; and a visa approval authority server which when the visa application is received from the visa agency server, transmits the application confirmation to the visa agency server and after examining the visa application based on the visa application, the power of attorney document, and the required documents, transmits the examination result information to the visa agency server.

[0022] As a prior art document for a service for providing information about residence information to foreigners, "an apparatus and a method for providing additional services customized for foreigners (Publication No. 10-2021-0128089, hereinafter, cited as Patent Document 3) has

also been disclosed.

[0023] According to Patent Document 3, an information retrieval unit which retrieves foreigner status information and information about qualification for staying for the foreigner and a matching service unit which provides corresponding additional service information based on the foreigner status information and the information about qualification for staying for the foreigner and input information from a user terminal are included.

[0024] According to Prior Art documents, although the procedure guidance for visa application, document guidelines for the procedure, and proxy services are provided, an all-in-one service which provides a residential service and a telecommunication related service to the foreigners through one application is not provided so that improvement for the convenience service customized for the foreigners is demanded.

[DISCLOSURE]

[TECHNICAL PROBLEM]

[0025] The foreign user support integrated management system fo providing simplification of an administrative procedure according to the present disclosure has been made to solve the problems of the related art as described above and proposes objects to be achieved as follows.

[0026] A first object is to reduce the complexity of administrative procedures by simplifying and automating various intricate and unmanageable administrative procedures associated with staying in Korean, thereby allowing a user to easily understand and manage necessary procedures.

[0027] A second object is to manage important information (residence, a mobile service, a visa status, and the like) through one integrated platform, thereby providing an integrated management service for essential living information.

[0028] A third object is to expeditiously provide essential information and supports for emergency situations to enable a user to reliably cope with the emergency situation, thereby

enhancing responsiveness in the emergency situation.

[0029] Objects to be achieved by the present disclosure are not limited to the above-mentioned objects, and other objects, which are not mentioned above, may be clearly understood by those skilled in the art from the following descriptions.

[TECHNICAL SOLUTION]

[0030] According to an aspect of the present disclosure, a foreign user support integrated management system for providing simplification of an administrative procedure has the following solving means for objects to be achieved.

[0031] The foreign user support integrated management system for providing simplification of an administrative procedure according to the present disclosure includes: a terminal unit which requests and acquires information corresponding to a predetermined criterion to provide a predetermined life support service; and a service control unit which networks with an external server, receives information corresponding to the predetermined criterion from the terminal unit, and provides a predetermined life support service for a residence service, a mobile service, and a visa service to a user according to information corresponding to the predetermined criterion.

[0032] The predetermined life support service of the foreign user support integrated management system for providing simplification of an administrative procedure according to the present disclosure includes: i) a real-estate service providing residence information and a residence service to the user, ii) a visa service providing information and a service related to visa and foreigner registration to the user, and iii) a mobile service providing mobile activation and product information service to the user.

[0033] The service control unit of the foreign user support integrated management system for providing simplification of an administrative procedure according to the present disclosure includes: a networking unit which networks with the external server and the networking unit

networks with i) an immigration control server which manages immigration information for a foreigner and ii) a telecommunication company server which manages subscription, activation, and contract of the mobile phone.

[0034] The terminal unit of the foreign user support integrated management system for providing simplification of an administrative procedure includes: an information acquisition unit which receives and acquires information corresponding to a predetermined criterion from the user; and an information transmission unit which provides the information corresponding to the predetermined criterion acquired from the user to the service control unit.

[0035] The service control unit of the foreign user support integrated management system for providing simplification of an administrative procedure according to the present disclosure includes: an information reception unit which receives the information corresponding to the predetermined criterion through the information transmission unit; and an information confirmation unit which requests the external server to review the information corresponding to the predetermined criterion.

[0036] The service control unit of the foreign user support integrated management system for providing simplification of an administrative procedure according to the present disclosure includes: a confirmation information reception unit which receives confirmed information according to the review request from the external server; and an information sharing unit which provides the confirmed information to the terminal unit.

[0037] The service control unit of the foreign user support integrated management system for providing simplification of an administrative procedure according to the present disclosure includes: a rent information providing unit which provides rent information about the residence information; and a move-in information management unit which manages move-in information according to contract information for the residence information.

[0038] The rent information providing unit of the foreign user support integrated management system for providing simplification of an administrative procedure according to the present disclosure includes: a property information providing unit which provides rentable property information according to the information corresponding to the predetermined criterion input from the user and the location of the user.

[0039] The move-in information management unit of the foreign user support integrated management system for providing simplification of an administrative procedure according to the present disclosure provides information about at least one of address information for the residence information, a move-in date, a move-in period, and a rental fee according to the contract information.

[0040] The foreign user support integrated management system for providing simplification of an administrative procedure according to the present disclosure further includes: a document customization unit which uploads a predetermined personal image from the user, selectively extracts the predetermined personal information, and performs automatic computerization of a document through the extracted personal information according to the information corresponding to the predetermined criterion.

[ADVANTAGEOUS EFFECTS]

[0041] The foreign user support integrated management system for providing simplification of an administrative procedure according to the present disclosure with the above-described configuration provides the following effects.

[0042] First, a foreigner may easily and conveniently access to services related to the life in Korea to enable expedited processing of visa renewal notification, housing accommodation management, and telecommunication services through an all-in-one platform, thereby increasing the user’s convenience to save time and efforts.

[0043] Second, user's accessibility to the information is improved, thereby enabling confirmation, updating, and renewal of information regarding the user's residential status, address, and mobile management.

[0044] Third, a deadline for an administrative procedure is notified to the user in advance to provide services, such as visa expiration and rental contract, thereby providing reliability for legal issues to the foreigner user and ensuring stable staying to ensure stability and reliability.

[0045] The effects of the present disclosure are not limited to those mentioned above, and other effects not mentioned may be clearly understood by those skilled in the art from the following description.

[DESCRIPTION OF DRAWINGS]

[0046] FIG. 1 is a conceptual diagram of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure.

[0047] FIG. 2 is another conceptual diagram of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure.

[0048] FIG. 3 is a block diagram illustrating a sub configuration of a terminal unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure.

[0049] FIG. 4 is a block diagram illustrating a sub configuration of a service control unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure.

[0050] FIG. 5 illustrates that information about a real-estate service, a visa service, and a mobile service are provided through a terminal unit of a foreign user support integrated

management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure.

[0051] FIG. 6 is a conceptual diagram illustrating information acquisition through an information acquisition unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure and functions of an information transmission unit and an information confirmation unit.

[0052] FIG. 7 is a conceptual diagram illustrating functions of an information sharing unit and a confirmation information reception unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure.

[0053] FIG. 8 illustrates that a property information providing unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure provides rent information for a property.

[0054] FIG. 9 illustrates that a property information providing unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure provides internal information of a rentable property among rent information for a property through AR.

[0055] FIG. 10 illustrates that document automation is set through a document customization unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure.

[0056] FIG. 11 illustrates functions of a masking unit and a random destroying unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure.

[BEST MODE]

[0057] Various modifications may be applied to a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure and various exemplary embodiments may be provided so that specific exemplary embodiments are illustrated in drawings and will be described in detail in the detailed description. However, it should be understood that the invention is not limited to the specific embodiments, but includes all changes, equivalents, or alternatives which are included in the technical spirit and technical scope of the present disclosure.

[0058] FIG. 1 is a conceptual diagram of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure. FIG. 2 is another conceptual diagram of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure. FIG. 3 is a block diagram illustrating a sub configuration of a terminal unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure. FIG. 4 is a block diagram illustrating a sub configuration of a service control unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure. FIG. 5 illustrates that information about a real-estate service, a visa service, and a mobile service are provided through a terminal unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure. FIG. 6 is a conceptual diagram illustrating information acquisition through an information acquisition unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure and functions of an information transmission unit and an information confirmation unit. FIG. 7 is a conceptual

diagram illustrating functions of an information sharing unit and a confirmation information reception unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure. FIG. 8 illustrates that a property information providing unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure provides rent information for a property. FIG. 9 illustrates that a property information providing unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure provides internal information of a rentable property among rent information for a property through AR. FIG. 10 illustrates that document automation is set through a document customization unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure. FIG. 11 illustrates functions of a masking unit and a random destroying unit of a foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure.

[0059] In order to write a rental contract, foreigners in Korea basically require an alien registration card and a cellular phone number.

[0060] In contrast, most foreigners who attempts to live a life in Korea need to independently get through intricate procedures which are supported only in Korean language and the order of procedures is ambiguous, which results in unnecessary expenditure of time and efforts.

[0061] A foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure is configured to include a terminal unit 100 and a service control unit 200.

[0062] First, the terminal unit 100 is configured to request and acquire information

corresponding to a predetermined criterion to provide a predetermine life support service.

[0063] The service control unit 200 networks with an external server 1, receives information corresponding to a predetermined criterion from the terminal unit 100, and provides a predetermined life support service for a residence service, a mobile service, and a visa service to a user according to the information corresponding to a predetermined criterion.

[0064] The terminal unit 100 may be implemented as network-enabled devices, such as a cellular phone, a smart phone, a laptop computer, a personal digital assistant (PDA), a portable media player (PMP), a slate PC, a tablet PC, a wearable device including a watch-type device, a glasses-type device, or a head mounted display (HMD).

[0065] As illustrated in FIG. 1, the terminal unit 100 may be provided to a user, as an application (App) or application software, through a terminal.

[0066] The user may correspond to a foreigner who attempts to live a life in a foreign country, and for example, correspond to a foreigner who begins the settlement in Korea.

[0067] Information corresponding to a predetermined criterion may correspond to mandatory information which should be input by the user and for example, may correspond to a passport number, a name, a gender, a date of birth, a nationality, a passport expiration date, a passport issuance date, a foreigner registration number, and a status of residence.

[0068] The information corresponding to a predetermined criterion may be directly input by the user or may be recognized through a camera of the terminal.

[0069] When the information is recognized by the camera of the terminal, an optical character recognition (OCR) technique and an AR technique may be utilized. For example, as illustrated in FIG. 6, if a user captures the passport using the camera of the terminal, characters corresponding to the information corresponding to the predetermined criterion among information about the passport are recognized to fill the information corresponding to the predetermined criterion in an

application form or an agreement.

[0070] The service control unit 200, as illustrated in FIG. 1, may correspond to a server which provides information and a service to the terminal unit 100.

[0071] The service control unit 200 may network with the external server 1 to request the external server 1 to provide, confirm, and review the information and may be provided with the information from the external server 1.

[0072] Further, the service control unit 200 may network with the terminal unit 100 to receive information from the terminal unit 100 and also provide information to the terminal unit 100.

[0073] As a predetermined life support service which is provided from the service control unit 200 to the terminal unit 100, a service is provided to the foreigners to start the settlement in a foreign country (for example, Republic of Korea) and as illustrated in FIG. 1, may include a real-estate service, a mobile service, and a visa service 20.

[0074] Details to provide a service may be described below.

[0075] The external server 1 corresponds to an external service which provides the service, and as illustrated in FIG. 2, for example, may be an external server which manages the immigration procedures to provide a visa-related server and a telecommunication company server which provides a mobile service.

[0076] A predetermined life support service of the foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure may include a real-estate service 10, a visa service 20, and a mobile service 30.

[0077] As the real-estate service 10, residence information and residence service are provided to the user, as the visa service 20, information and services related to the visa and foreigner registration are provided to the user, and as the mobile service 30, mobile phone activation and

product information services are provided to the user.

[0078] The real-estate service 10 may provide, for example, location, price, and facility information about a residential space, rental availability, a rent type, and photographs of a rental space.

[0079] Further, the real-estate service 10 may provide a property and rent-related contract services with regard to the rental contract.

[0080] The visa service 20 may correspond to services, such as alien registration card (ARC) acquisition, visa renewal, and visa modification.

[0081] The mobile service 30 may provide a mobile-related service, such as mobile phone activation, provision of rate plan information, mobile billing information, a subscription service, and mobile service renewal.

[0082] The service control unit 200 of the foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure includes a networking unit 210 which networks with the external server 1.

[0083] The networking unit 210 is a configuration which networks with an immigration control server which manages immigration information for a foreign and a telecommunication company server which manages subscription, activation, and contract of the mobile phone.

[0084] The immigration information may correspond to information on departure or entry records, visa issuance information, visa period information, visa status information, visa modification information, visa expiration information, immigration procedure permission information, stay information, and the like.

[0085] An immigration control server may correspond to a server which manages departure and entry records.

[0086] For example, the immigration control server may retrieve information about some of

information of the Ministry of Justice which manages the departure and entry. This may be implemented in accordance with relevant laws and regulations regarding consent to information of the Ministry of Justice, and the like.

[0087] The telecommunication company server may correspond to a server of a mobile service provider.

[0088] The terminal unit 100 of the foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure is configured to include an information acquisition unit 110 and an information transmission unit 120.

[0089] The information acquisition unit 110 receives and acquires information corresponding to the predetermined criterion from the user.

[0090] The information transmission unit 120 is configured to provide the information corresponding to the predetermined criterion which is acquired from the user to the service control unit 200.

[0091] The user may input information corresponding to the predetermined criterion through an application of the terminal and the information acquisition unit 110 preferably acquires information input by the user through the application.

[0092] Information input by the user may input by various input methods, such as photos, voice recognition, texts, and letter inputs.

[0093] The input information is transmitted to the service control unit 200 and the information transmission unit 120 transmits the information which is input to the terminal unit 110 to the service control unit 200.

[0094] The service control unit 200 of the foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the

present disclosure is configured to include an information reception unit 220, an information identification unit 230, an identified information reception unit 240, and an information sharing unit 250.

[0095] The information reception unit 220 receives information corresponding to the predetermined criterion which is provided through the information transmission unit 120.

[0096] The information identification unit 230 requests the external server 1 to review the information corresponding to the predetermined criterion.

[0097] As illustrated in FIG. 6, the information identification unit 230 requests the external server 1 to review the information corresponding to the predetermined criterion to confirm and ensure the accuracy of the information corresponding to the predetermined criterion.

[0098] For example, if the user registers a photo of the user's passport, the information identification unit requests the external server 1 to review the passport and receives verification and confirmation of the external server 1.

[0099] Further, for example, if the user inputs contents about the visa, a review request may be made for information on personal information (such as name, gender, date of birth, nationality, country of birth, and the like), contact information, and visa issuance history regarding the input contents, and confirmation of the input information may be performed.

[00100] In addition, the identified information reception unit 240 receives the identified information for the review request from the external server 1 as illustrated in FIG. 7.

[00101] The identified information reception unit 240 receives review information from the external server 1 for the information requested by the information identification unit 230.

[00102] The information sharing unit 250 provides the confirmed information to the terminal unit 100.

[00103] The service control unit 200 of the foreign user support integrated management system

for providing simplification of an administrative procedure according to an embodiment of the present disclosure is configured to include a rent information provision unit 260 and a move-in information management unit 270.

[00104] A rent information provision unit 260 provides rent information for the residence information.

[00105] The rent information may correspond to a rental fee, residency type information, a rented property, facilities in the rented property, and detailed rent information.

[00106] The move-in information management unit 270 manages move-in information according to the rent information for the residency information.

[00107] The move-in information may correspond to information about an address of the residence, a contracted rent period, a rent type, a rental fee, rent contract details, and a rental fee.

[00108] The rent information provision unit 260 of the foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure includes a property information provision unit 261.

[00109] The property information provision unit 261 provides rentable property information, according to information corresponding to a predetermined criterion input by the user and a location of the user.

[00110] For example, the location of the user is identified from information related to workplace or university, among information corresponding to the predetermined criterion, to provide rentable property information.

[00111] Further, the rentable property information may be provided according to a desired residence location or a location of the user recognized through the terminal.

[00112] For example, as illustrated in FIG. 8, if a desired residence location (for example, subway station) is selected, information about the rentable property may be provided based on the

selected location.

[00113] Further, along with the information about the rent property, information about a rental fee may be provided.

[00114] The property information provision unit 261 may provide internal rentable property information for rent through AR, as illustrated in FIG. 9, and the internal information may be provided as photos or videos to allow the user to identify through the terminal unit 100.

[00115] The move-in information management unit of the foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure may provide at least one information of address information, a move-in date, a residence period, and a rental fee for the residence information according to the contract information.

[00116] The foreign user support integrated management system for providing simplification of an administrative procedure according to an embodiment of the present disclosure is configured to further include a document customization unit 300.

[00117] The document customization unit 300 uploads a predetermined personal information image from the user and selectively extracts predetermined personal information, and automates the document through personal information which is extracted in accordance to the information corresponding to a predetermined criterion.

[00118] As illustrated in FIG. 10, the information corresponding to the predetermined criterion which is recognized through the information acquisition unit 110 may be utilized for the automatic computerization of the document in accordance with a document (for example, an application form) by selectively extracting the personal information.

[00119] For example, when a document for visa renewal is created, an application form needs to be prepared and personal information, such as a name, a gender, a passport number, a date of

birth, a passport expiration period, and a mobile phone number, needs to be input. The document may be prepared by filling personal information of the application form with information corresponding to the predetermined criterion which is input by the user.

[00120] The automatic computerized information is provided to the user and convenience for preparing a document may be provided to the foreigner.

[00121] The service control unit 200 is configured to include a masking unit 201, a transform tool unit 202, a random destroying unit 203, and a restoration unit 204.

[00122] A random point which is randomly set on the screen is set by the masking unit 201, the transform tool unit provides a transform tool for the random point, and the random destroying unit 203 may modify a partial area for the random point using a transform tool.

[00123] The random destroying unit 203 modifies and stores a part or all the randomly set area, through a process of scanning the randomly set area.

[00124] The information which is modified by the random destroying unit may correspond to the user's personal information and provides protection for sensitive personal information.

[00125] The point information for the random point and restoration information for the transform tool are provided only to the user. When the user provides personal information (information corresponding to the predetermined criterion) to the external server 1, the personal information (information corresponding to the predetermined criterion) may be restored by providing the point information and the restoration information by the user.

[00126] The restoration through the point information for the random point and the restoration information for the transform tool may be performed by the restoration unit 204.

[00127] In the case of the point information and the restoration information, it is preferable that the restoration unit 204 may restore the personal information (information corresponding to a predetermined criterion, for example, a passport photo, passport information, alien registration

card photo, alien registration information, etc.) through the match of a plurality of information.

[00128] As illustrated in FIG. 11, a plurality of random points may be set, and the random points may overlap, and a setting area for the random point may be set to be different.

[00129] A plurality of transform tools may be formed and may be set for each random point.

[00130] The scope of the present disclosure shall be determined by matters described in claims, parentheses utilized in the claims are not intended for optional limitation, but are employed for distinct components and the descriptions in the parentheses are also interpreted as essential components.

[CLAIMS]

[Claim 1]

A foreign user support integrated management system for providing simplification of an administrative procedure, comprising:

a terminal unit which requests and acquires information corresponding to a predetermined criterion to provide a predetermined life support service; and

a service control unit which networks with an external server, receives information corresponding to the predetermined criterion from the terminal unit, and provides a predetermined life support service for a residence service, a mobile service, and a visa service to a user according to information corresponding to the predetermined criterion.

[Claim 2]

The foreign user support integrated management system for providing simplification of an administrative procedure of claim 1, wherein the predetermined life support service includes i) a real-estate service providing residence information and a residence service to the user, ii) a visa service providing information and service related to visa and foreigner registration to the user, and iii) a mobile service providing mobile activation and product information service to the user.

[Claim 3]

The foreign user support integrated management system for providing simplification of an administrative procedure of claim 2, wherein the service control unit includes a networking unit which networks with the external server and

the networking unit networks with i) an immigration control server which manages immigration information for a foreigner and ii) a telecommunication company server which manages subscription, activation, and contract of the mobile.

[Claim 4]

The foreign user support integrated management system for providing simplification of an administrative procedure of claim 1, wherein the terminal unit includes:

an information acquisition unit which receives and acquires information corresponding to a predetermined criterion from the user; and

an information transmission unit which provides the information corresponding to the predetermined criterion acquired from the user to the service control unit.

[Claim 5]

The foreign user support integrated management system for providing simplification of an administrative procedure of claim 4, wherein the service control unit includes:

an information reception unit which receives the information corresponding to the predetermined criterion through the information transmission unit; and

an information confirmation unit which requests the external server to review the information corresponding to the predetermined criterion.

[Claim 6]

The foreign user support integrated management system for providing simplification of an administrative procedure of claim 5, wherein the service control unit includes:

a confirmation information reception unit which receives confirmed information according to the review request from the external server; and

an information sharing unit which provides the confirmed information to the terminal unit.

[Claim 7]

The foreign user support integrated management system for providing simplification of an administrative procedure of claim 6, wherein the service control unit includes:

a rent information providing unit which provides rent information about the residence information; and

a move-in information management unit which manages move-in information according to contract information for the residence information.

[Claim 8]

The foreign user support integrated management system for providing simplification of an administrative procedure of claim 7, wherein the rent information providing unit includes a property information providing unit which provides rentable property information according to the information corresponding to the predetermined criterion input from the user and the location of the user.

[Claim 9]

The foreign user support integrated management system for providing simplification of an administrative procedure of claim 8, wherein the move-in information management unit provides information about at least one of address information for the residence information, a move-in date, a move-in period, and a rental fee according to the contract information.

[Claim 10]

The foreign user support integrated management system for providing simplification of an administrative procedure of claim 9, further comprising:

a document customization unit which uploads a predetermined personal image from the user, selectively extracts the predetermined personal information, and performs automatic computerization of a document through the extracted personal information according to the information corresponding to the predetermined criterion.