SPECIFICATION

METHOD, TERMINAL, AND SYSTEM FOR EXCHANGING ELECTRONIC NAME CARDS

This application claims priority to Chinese Patent Application No. 2011103412300, filed with Chinese Patent Office on November 2, 2011 and entitled "METHOD, TERMINAL, AND SYSTEM FOR EXCHANGING ELECTRONIC NAME CARDS", which is incorporated herein by reference in its entirety.

TECHNICAL FIELD

The present disclosure relates to the field of wireless communication technologies, and in particular, to a method, terminal, and system for exchanging electronic name cards.

BACKGROUND

In everyday life, people often need to exchange name cards, which contain information about their service organizations, positions, names, phone numbers, and the like, to facilitate contacts between each other. As traditional business cards are made of paper, one has to print a large number of name cards for exchanging information with several people at one time. However, paper-made name cards have the following disadvantages: 1. Inconvenient to carry. To meet more people, people needs more business cards, but it is impractical to carry all the cards needed. 2. Difficult to search. The needed information cannot be found out quickly among paper business cards. 3. Inconvenient to modify. Once one person's personal information is changed, he or she needs to reprint their business cards with the new information. 4. Prone to loss and damage, and the like.

A prior art discloses an electronic name card, for example, an address book providing the name card function. Contact information may be made into the format of a name card, and then be sent out in the form of a text message. Besides, various networks support the function of setting name cards, so that users can set their own name card information and check their friends' cards information as well.

~~During the implementation of the present disclosure, the inventors find that the prior art has~~

~~at least the following problems:~~

It is relatively complex to send name cards in the form of text messages over mobile phones. A mobile phone user needs to search for and select a name card, search for and select a receiver's mobile phone number, then send the name card to the receiver. Upon receiving the name card, the receiver extracts content from the name card and stores the content into an address book thereof. In addition, information security cannot be assured since name cards are set and exchanged over the Internet.

SUMMARY

To address the defects that, in the prior art, exchange of electronic name cards is complicated, and Internet-based exchange of electronic name cards has poor security assurance, embodiments of the present disclosure provide a method, terminal, and system for exchanging electronic name cards. The technical solutions are as follows:

A method for exchanging electronic name card is provided. The method includes: detecting, by a first terminal, whether a second terminal is available within a predetermined distance; if the second terminal is available, sending an electronic name card to the second terminal and requesting the second terminal to send an electronic name card thereof; and receiving the electronic name card from the second terminal sending the acknowledgement.

A terminal is provided. The terminal includes: a detecting module, configured to detect whether a second terminal is available within a predetermined distance; a sending module, configured to: if the second terminal is available, send an electronic name card to the second terminal and request the second terminal to send an electronic name card thereof; and a receiving module, configured to receive the electronic name card from the second terminal.

A system for exchanging electronic name cards is provided. The system includes: a first terminal and a second terminal. The second terminal is configured to receive a request for exchanging electronic name cards from the first terminal, and send an electronic name card thereof to the first terminal.

The technical solutions provided in the embodiments of the present disclosure achieve the following beneficial effects:

A second terminal for exchange of electronic name cards is found by detection, an electronic name card is automatically sent to the second terminal, the second terminal is requested to send an

~~Embodiment 1~~

Referring to FIG. 1, an embodiment of the present disclosure provides a method for exchanging electronic name cards. The method includes:

101. A first terminal detects whether a second terminal is available within a predetermined distance.

102. If the second terminal is available, the first terminal sends an electronic name card to the second terminal and requesting the second terminal to send an electronic name card thereof.

103. The first terminal receives the electronic name card from the second terminal.

According to this embodiment, a second terminal for exchange of electronic name cards is found by detection, an electronic name card is automatically sent to the second terminal, the second terminal is requested to send an electronic name card thereof, thereby automatically completing the exchange of electronic name cards. In such a process, user's operations are simpler, and electronic name cards are not exchanged over the Internet, thereby assuring information security.

~~Embodiment 2~~

Referring to FIG. 2, an embodiment of the present disclosure provides a method for exchanging electronic name cards. The method includes:

201. A first terminal detects whether a second terminal is available within a predetermined distance.

In this step, a Near Field Communication (NFC) chip is used to implement near field detection. Within a communication distance (within 10 cm) of the NFC chip, the NFC chip stays in a monitoring state to detect whether other second terminals equipped with an NFC chip for communication are available.

202. If the second terminal is available, the first terminal broadcasts a communication protocol used for exchange of electronic name cards.

If other second terminals are detected, the first terminal also needs to determine with which second terminal can exchange electronic name cards. The first terminal can find out such second terminals by broadcasting the communication protocol for exchanging electronic name cards. If a second terminal employs the same communication protocol as the first terminal, the second terminal can exchange electronic name cards with the first terminal.

Specifically, the content of the communication protocol broadcast for exchanging electronic

built-in NFC chip can be placed in the guest area. When a guest carries his or her electronic name card exchanging mobile terminal, such as a mobile phone, closer to the organization's mobile terminal, the NFC chip can detect his or her mobile terminal and send a broadcast request for exchanging electronic name cards, then the guest's mobile terminal can receive the request for exchanging electronic name cards. If the guest selects to receive the electronic name card either manually or automatically, the electronic name card is conveniently distributed, thereby achieving an effect of leaflet distribution.

According to this embodiment, a second terminal that can be communicated is detected using an NFC chip and a communication protocol is broadcast, a second terminal for exchange of electronic name cards is found, thereby automatically completing the exchange of electronic name cards without complicated operation. In addition, the received electronic name cards are security-authenticated, and the successfully authenticated electronic name cards are stored, thereby ensuring security of the exchange of electronic name cards and authenticity of the received electronic name cards.

~~Embodiment 3~~

Referring to FIG. 4, an embodiment of the present disclosure provides a first terminal. The first terminal includes: a detecting module 401, configured to detect whether a second terminal is available within a predetermined distance; a sending module 402, configured to: if the second terminal is available, send an electronic name card to the second terminal and request the second terminal to send an electronic name card thereof; and a receiving module 403, configured to receive the electronic name card from the second terminal.

Specifically, the detecting module 401 employs an NFC chip and is configured to detect whether the second terminal is available within the predetermined distance.

Referring to FIG. 5, the first terminal further includes: a broadcasting module 501, where the broadcasting module 501 includes a broadcasting unit 5011, configured to broadcast a communication protocol used for exchange of electronic name cards, and receive an acknowledgement compliant with the broadcast communication protocol from the second terminal.

Correspondingly, the sending module 402 sends the electronic name card to the second terminal sending the acknowledgement.

Referring to FIG. 5, the broadcasting module 501 further includes: an electronic name card

card received from the second terminal if the authentication is successful.

The terminal in this embodiment may be specifically such a mobile terminal as a mobile phone and a PDA etc..

According to this embodiment, a second terminal for exchange of electronic name cards is found by detection, an electronic name card is automatically sent to the second terminal, the second terminal is requested to send an electronic name card thereof, thereby automatically completing the exchange of electronic name cards. In such a process, user's operations are simpler, and electronic name cards are not exchanged over the Internet, thereby assuring information security.

~~Embodiment 4~~

Referring to FIG. 7, an embodiment of the present disclosure provides a system for exchanging electronic name cards. The system includes: a first terminal 701 and a second terminal 702.

The second terminal 702 is configured to receive an electronic name card from the first terminal 701, and send an electronic name card thereof to the first terminal 701.

Referring to FIG. 8, the system further includes: an authentication server 703, configured to: according to an identity and a terminal identity uploaded by the first terminal 701, assign a unique security authentication identity to the electronic name card associated with the first terminal 701; and authenticate the electronic name card according to the security authentication identity received by the first terminal 701.

The first terminal 701 has the same function as the terminal described in the above-described embodiment, and includes a detecting module, a sending module, and a receiving module. The structures and functions of these modules are described in the above-described embodiment, which are not described herein any further. For details of exchanging electronic name cards between the first terminal 701 and the second terminal 701, reference may be made to the methods described in the above-described embodiments.

For details of the way the authentication server 703 authenticates the electronic name card, reference may be made to the method described in the above-described embodiment.

In this embodiment, a plurality of second terminals 702 may be used, and the first terminal 701 may exchange electronic name cards with the plurality of the second terminals 702 simultaneously.

second terminal comprises:

setting a manual mode, and prompting a user as whether to receive the electronic name card from the second terminal, and receive the electronic name card from the second terminal if the user manually selects YES.

9. The method according to claim 1, wherein the sending an electronic name card to the second terminal, and requesting the second terminal to send an electronic name card thereof comprises:

sending an electronic name card having a security authentication identity to the second terminal, and requesting the second terminal to send an electronic name card having a security authentication identity; and

correspondingly, the receiving the electronic name card from the second terminal comprises:

receiving the electronic name card having a security authentication identity from the second terminal, uploading the electronic name card having a security authentication identity to an authentication end for authentication, and storing the electronic name card received from the second terminal if the authentication is successful.

~~10. A first terminal, comprising:~~

~~a detecting module, configured to detect whether a second terminal is available within a predetermined distance;~~

~~a sending module, configured to: if the second terminal is available, send an electronic name card to the second terminal and request the second terminal to send an electronic name card thereof; and~~

~~A receiving module, configured to receive the electronic name card from the second terminal.~~

~~11. The first terminal according to claim 10, wherein the detecting module employs an NFC chip.~~

~~12. The first terminal according to claim 10, further comprising a broadcasting module, wherein the broadcasting module comprises a broadcasting unit, configured to:~~

~~before the sending module sends the electronic name card to the second terminal, broadcast a~~

~~communication protocol used for exchange of electronic name cards, and receive an acknowledgement compliant with the broadcast communication protocol from the second terminal; and~~

~~correspondingly, the sending an electronic name card by the sending module to the second terminal is specifically: sending the electronic name card to the second terminal sending the acknowledgement.~~

~~13. The first terminal according to claim 12, wherein the broadcasting module comprises an electronic name card exchange requesting unit, configured to:~~

~~if the acknowledgement is set as not receiving the electronic name card, send a request for exchanging electronic name cards to the second terminal, and trigger the sending module to send the electronic name card to the second terminal sending the acknowledgement if the second terminal receives the request for exchanging electronic name cards.~~

~~14. The first terminal according to claim 10, wherein the sending module comprises:~~

~~a manual mode unit, configured to prompt a user as whether to send the electronic name card to the second terminal, and send the electronic name card to the second terminal if the user manually selects YES.~~

~~15. The first terminal according to claim 10, wherein the sending module is configured to:~~

~~send electronic name cards in batches to the second terminal, and request the second terminal to send electronic name cards thereof in batches; and~~

~~correspondingly, the receiving module is configured to:~~

~~receive the electronic name cards in batches from the second terminal, and merge the electronic name cards to avoid duplicate ones according to names and phone numbers in the sent and received electronic name cards.~~

~~16. The first terminal according to claim 15, wherein the receiving module is specifically configured to:~~

~~compare names and phone numbers in the sent electronic name cards with names and phone~~

~~numbers in the received electronic name cards;~~

~~if the names are the same, but the phone numbers are different, prompt a user as whether to merge the electronic name cards; or~~

~~if the names are different, but the phone numbers are the same, prompt a user as whether to merge the electronic name cards; or~~

~~if both the names and the phone numbers are same, automatically merge the electronic name cards; or~~

~~if both the names and the phone numbers are different, automatically store the electronic name cards.~~

~~17. The first terminal according to claim 10, wherein the receiving module comprises:~~

~~a manual mode unit, configured to prompt a user as whether to receive the electronic name card from the second terminal, and receive the electronic name card from the second terminal if the user manually selects YES.~~

~~18. The first terminal according to claim 10, wherein the sending module is configured to:~~

~~send an electronic name card having a security authentication identity to the second terminal, and request the second terminal to send an electronic name card having a security authentication identity; and~~

~~correspondingly, the receiving module is configured to: receive the electronic name card having a security authentication identity from the second terminal, upload the electronic name card having a security authentication identity to an authentication end, and store the electronic name card received from the second terminal if the authentication is successful.~~

~~19~~10. A system for exchanging electronic name cards, comprising a first terminal and a second terminal, ~~according to any one of claims 10 to 18;~~ wherein the first terminal comprises:

a detecting module, configured to detect whether a second terminal is available within a predetermined distance;

a sending module, configured to: if the second terminal is available, send an electronic name card to the second terminal and request the second terminal to send an electronic name card thereof;

and

a receiving module, configured to receive the electronic name card from the second terminal; and

the second terminal is configured to receive an electronic name card from the first terminal, and send an electronic name card thereof to the first terminal.

~~20~~11. The system according to claim ~~19~~10, comprising an authentication server, wherein the authentication server is configured to:

according to an identity and a terminal identity uploaded by the first terminal, assign a unique security authentication identity to the electronic name card associated with the first terminal; and

authenticate the electronic name card according to the security authentication identity received by the first terminal.

12. The system according to claim 10, wherein the detecting module employs an NFC chip.

13. The system according to claim 10, wherein the first terminal further comprising a broadcasting module, wherein the broadcasting module comprises a broadcasting unit, configured to:

before the sending module sends the electronic name card to the second terminal, broadcast a communication protocol used for exchange of electronic name cards, and receive an acknowledgement compliant with the broadcast communication protocol from the second terminal; and

correspondingly, the sending an electronic name card by the sending module to the second terminal specifically comprises: sending the electronic name card to the second terminal sending the acknowledgement.

14. The system according to claim 13, wherein the broadcasting module further comprises an electronic name card exchange requesting unit, configured to:

if the acknowledgement is set as not receiving the electronic name card, send a request for exchanging electronic name cards to the second terminal, and trigger the sending module to send

the electronic name card to the second terminal sending the acknowledgement if the second terminal receives the request for exchanging electronic name cards.

15. The system according to claim 10, wherein the sending module comprises:

a manual mode unit, configured to prompt a user as whether to send the electronic name card to the second terminal, and send the electronic name card to the second terminal if the user manually selects YES.

16. The system according to claim 10, wherein the sending module is configured to:

send electronic name cards in batches to the second terminal, and request the second terminal to send electronic name cards thereof in batches; and

correspondingly, the receiving module is configured to:

receive the electronic name cards in batches from the second terminal, and merge the electronic name cards to avoid duplicate ones according to names and phone numbers in the sent electronic name cards and the received electronic name cards.

17. The system according to claim 16, wherein the receiving module is specifically configured to:

compare names and phone numbers in the sent electronic name cards with names and phone numbers in the received electronic name cards;

if the names are the same, but the phone numbers are different, prompt a user as whether to merge the electronic name cards; or

if the names are different, but the phone numbers are the same, prompt a user as whether to merge the electronic name cards; or

if both the names and the phone numbers are same, automatically merge the electronic name cards; or

if the names are different and the phone numbers are different, automatically store the electronic name cards.

18. The system according to claim 10, wherein the receiving module comprises:

a manual mode unit, configured to prompt a user as whether to receive the electronic name card from the second terminal, and receive the electronic name card from the second terminal if the user manually selects YES.

19. The system according to claim 10, wherein the sending module is configured to:

send an electronic name card having a security authentication identity to the second terminal, and request the second terminal to send an electronic name card having a security authentication identity; and

correspondingly, the receiving module is configured to: receive the electronic name card having a security authentication identity from the second terminal, upload the electronic name card having a security authentication identity to an authentication end, and store the electronic name card received from the second terminal if the authentication is successful.

SPECIFICATION

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TECHNICAL FIELD

The present disclosure relates to the field of wireless communication technologies, and in particular, to a method, terminal, and system for exchanging electronic name cards.

BACKGROUND

In everyday life, people often need to exchange name cards, which contain information about their service organizations, positions, names, phone numbers, and the like, to facilitate contacts between each other. As traditional business cards are made of paper, one has to print a large number of name cards for exchanging information with several people at one time. However, paper-made name cards have the following disadvantages: 1. Inconvenient to carry. To meet more people, people needs more business cards, but it is impractical to carry all the cards needed. 2. Difficult to search. The needed information cannot be found out quickly among paper business cards. 3. Inconvenient to modify. Once one person's personal information is changed, he or she needs to reprint their business cards with the new information. 4. Prone to loss and damage, and the like.

A prior art discloses an electronic name card, for example, an address book providing the name card function. Contact information may be made into the format of a name card, and then be sent out in the form of a text message. Besides, various networks support the function of setting name cards, so that users can set their own name card information and check their friends' cards information as well.

It is relatively complex to send name cards in the form of text messages over mobile phones. A mobile phone user needs to search for and select a name card, search for and select a receiver's mobile phone number, then send the name card to the receiver. Upon receiving the name card, the receiver extracts content from the name card and stores the content into an address book thereof. In addition, information security cannot be assured since name cards are set and exchanged over the Internet.

SUMMARY

To address the defects that, in the prior art, exchange of electronic name cards is complicated, and Internet-based exchange of electronic name cards has poor security assurance, embodiments of the present disclosure provide a method, terminal, and system for exchanging electronic name cards. The technical solutions are as follows:

A method for exchanging electronic name card is provided. The method includes: detecting, by a first terminal, whether a second terminal is available within a predetermined distance; if the second terminal is available, sending an electronic name card to the second terminal and requesting the second terminal to send an electronic name card thereof; and receiving the electronic name card from the second terminal sending the acknowledgement.

A terminal is provided. The terminal includes: a detecting module, configured to detect whether a second terminal is available within a predetermined distance; a sending module, configured to: if the second terminal is available, send an electronic name card to the second terminal and request the second terminal to send an electronic name card thereof; and a receiving module, configured to receive the electronic name card from the second terminal.

A system for exchanging electronic name cards is provided. The system includes: a first terminal and a second terminal. The second terminal is configured to receive a request for exchanging electronic name cards from the first terminal, and send an electronic name card thereof to the first terminal.

The technical solutions provided in the embodiments of the present disclosure achieve the following beneficial effects:

A second terminal for exchange of electronic name cards is found by detection, an electronic name card is automatically sent to the second terminal, the second terminal is requested to send an

Referring to FIG. 1, an embodiment of the present disclosure provides a method for exchanging electronic name cards. The method includes:

101. A first terminal detects whether a second terminal is available within a predetermined distance.

102. If the second terminal is available, the first terminal sends an electronic name card to the second terminal and requesting the second terminal to send an electronic name card thereof.

103. The first terminal receives the electronic name card from the second terminal.

According to this embodiment, a second terminal for exchange of electronic name cards is found by detection, an electronic name card is automatically sent to the second terminal, the second terminal is requested to send an electronic name card thereof, thereby automatically completing the exchange of electronic name cards. In such a process, user's operations are simpler, and electronic name cards are not exchanged over the Internet, thereby assuring information security.

Referring to FIG. 2, an embodiment of the present disclosure provides a method for exchanging electronic name cards. The method includes:

201. A first terminal detects whether a second terminal is available within a predetermined distance.

In this step, a Near Field Communication (NFC) chip is used to implement near field detection. Within a communication distance (within 10 cm) of the NFC chip, the NFC chip stays in a monitoring state to detect whether other second terminals equipped with an NFC chip for communication are available.

202. If the second terminal is available, the first terminal broadcasts a communication protocol used for exchange of electronic name cards.

If other second terminals are detected, the first terminal also needs to determine with which second terminal can exchange electronic name cards. The first terminal can find out such second terminals by broadcasting the communication protocol for exchanging electronic name cards. If a second terminal employs the same communication protocol as the first terminal, the second terminal can exchange electronic name cards with the first terminal.

Specifically, the content of the communication protocol broadcast for exchanging electronic

built-in NFC chip can be placed in the guest area. When a guest carries his or her electronic name card exchanging mobile terminal, such as a mobile phone, closer to the organization's mobile terminal, the NFC chip can detect his or her mobile terminal and send a broadcast request for exchanging electronic name cards, then the guest's mobile terminal can receive the request for exchanging electronic name cards. If the guest selects to receive the electronic name card either manually or automatically, the electronic name card is conveniently distributed, thereby achieving an effect of leaflet distribution.

According to this embodiment, a second terminal that can be communicated is detected using an NFC chip and a communication protocol is broadcast, a second terminal for exchange of electronic name cards is found, thereby automatically completing the exchange of electronic name cards without complicated operation. In addition, the received electronic name cards are security-authenticated, and the successfully authenticated electronic name cards are stored, thereby ensuring security of the exchange of electronic name cards and authenticity of the received electronic name cards.

Referring to FIG. 4, an embodiment of the present disclosure provides a first terminal. The first terminal includes: a detecting module 401, configured to detect whether a second terminal is available within a predetermined distance; a sending module 402, configured to: if the second terminal is available, send an electronic name card to the second terminal and request the second terminal to send an electronic name card thereof; and a receiving module 403, configured to receive the electronic name card from the second terminal.

Specifically, the detecting module 401 employs an NFC chip and is configured to detect whether the second terminal is available within the predetermined distance.

Referring to FIG. 5, the first terminal further includes: a broadcasting module 501, where the broadcasting module 501 includes a broadcasting unit 5011, configured to broadcast a communication protocol used for exchange of electronic name cards, and receive an acknowledgement compliant with the broadcast communication protocol from the second terminal.

Correspondingly, the sending module 402 sends the electronic name card to the second terminal sending the acknowledgement.

Referring to FIG. 5, the broadcasting module 501 further includes: an electronic name card

card received from the second terminal if the authentication is successful.

The terminal in this embodiment may be specifically such a mobile terminal as a mobile phone and a PDA etc..

According to this embodiment, a second terminal for exchange of electronic name cards is found by detection, an electronic name card is automatically sent to the second terminal, the second terminal is requested to send an electronic name card thereof, thereby automatically completing the exchange of electronic name cards. In such a process, user's operations are simpler, and electronic name cards are not exchanged over the Internet, thereby assuring information security.

Referring to FIG. 7, an embodiment of the present disclosure provides a system for exchanging electronic name cards. The system includes: a first terminal 701 and a second terminal 702.

The second terminal 702 is configured to receive an electronic name card from the first terminal 701, and send an electronic name card thereof to the first terminal 701.

Referring to FIG. 8, the system further includes: an authentication server 703, configured to: according to an identity and a terminal identity uploaded by the first terminal 701, assign a unique security authentication identity to the electronic name card associated with the first terminal 701; and authenticate the electronic name card according to the security authentication identity received by the first terminal 701.

The first terminal 701 has the same function as the terminal described in the above-described embodiment, and includes a detecting module, a sending module, and a receiving module. The structures and functions of these modules are described in the above-described embodiment, which are not described herein any further. For details of exchanging electronic name cards between the first terminal 701 and the second terminal 701, reference may be made to the methods described in the above-described embodiments.

For details of the way the authentication server 703 authenticates the electronic name card, reference may be made to the method described in the above-described embodiment.

In this embodiment, a plurality of second terminals 702 may be used, and the first terminal 701 may exchange electronic name cards with the plurality of the second terminals 702 simultaneously.

second terminal comprises:

setting a manual mode, and prompting a user as whether to receive the electronic name card from the second terminal, and receive the electronic name card from the second terminal if the user manually selects YES.

9. The method according to claim 1, wherein the sending an electronic name card to the second terminal, and requesting the second terminal to send an electronic name card thereof comprises:

sending an electronic name card having a security authentication identity to the second terminal, and requesting the second terminal to send an electronic name card having a security authentication identity; and

correspondingly, the receiving the electronic name card from the second terminal comprises:

receiving the electronic name card having a security authentication identity from the second terminal, uploading the electronic name card having a security authentication identity to an authentication end for authentication, and storing the electronic name card received from the second terminal if the authentication is successful.

10. A system for exchanging electronic name cards, comprising a first terminal and a second terminal, wherein the first terminal comprises:

a detecting module, configured to detect whether a second terminal is available within a predetermined distance;

a sending module, configured to: if the second terminal is available, send an electronic name card to the second terminal and request the second terminal to send an electronic name card thereof; and

a receiving module, configured to receive the electronic name card from the second terminal; and

the second terminal is configured to receive an electronic name card from the first terminal, and send an electronic name card thereof to the first terminal.

11. The system according to claim 10, comprising an authentication server, wherein the authentication server is configured to:

according to an identity and a terminal identity uploaded by the first terminal, assign a unique security authentication identity to the electronic name card associated with the first terminal; and

authenticate the electronic name card according to the security authentication identity received by the first terminal.

12. The system according to claim 10, wherein the detecting module employs an NFC chip.

13. The system according to claim 10, wherein the first terminal further comprising a broadcasting module, wherein the broadcasting module comprises a broadcasting unit, configured to:

before the sending module sends the electronic name card to the second terminal, broadcast a communication protocol used for exchange of electronic name cards, and receive an acknowledgement compliant with the broadcast communication protocol from the second terminal; and

correspondingly, the sending an electronic name card by the sending module to the second terminal specifically comprises: sending the electronic name card to the second terminal sending the acknowledgement.

14. The system according to claim 13, wherein the broadcasting module further comprises an electronic name card exchange requesting unit, configured to:

if the acknowledgement is set as not receiving the electronic name card, send a request for exchanging electronic name cards to the second terminal, and trigger the sending module to send the electronic name card to the second terminal sending the acknowledgement if the second terminal receives the request for exchanging electronic name cards.

15. The system according to claim 10, wherein the sending module comprises:

a manual mode unit, configured to prompt a user as whether to send the electronic name card to the second terminal, and send the electronic name card to the second terminal if the user manually selects YES.

16. The system according to claim 10, wherein the sending module is configured to:

send electronic name cards in batches to the second terminal, and request the second terminal to send electronic name cards thereof in batches; and

correspondingly, the receiving module is configured to:

receive the electronic name cards in batches from the second terminal, and merge the electronic name cards to avoid duplicate ones according to names and phone numbers in the sent electronic name cards and the received electronic name cards.

17. The system according to claim 16, wherein the receiving module is specifically configured to:

compare names and phone numbers in the sent electronic name cards with names and phone numbers in the received electronic name cards;

if the names are the same, but the phone numbers are different, prompt a user as whether to merge the electronic name cards; or

if the names are different, but the phone numbers are the same, prompt a user as whether to merge the electronic name cards; or

if both the names and the phone numbers are same, automatically merge the electronic name cards; or

if the names are different and the phone numbers are different, automatically store the electronic name cards.

18. The system according to claim 10, wherein the receiving module comprises:

a manual mode unit, configured to prompt a user as whether to receive the electronic name card from the second terminal, and receive the electronic name card from the second terminal if the user manually selects YES.

19. The system according to claim 10, wherein the sending module is configured to:

send an electronic name card having a security authentication identity to the second terminal, and request the second terminal to send an electronic name card having a security authentication identity; and

correspondingly, the receiving module is configured to: receive the electronic name card having a security authentication identity from the second terminal, upload the electronic name card having a security authentication identity to an authentication end, and store the electronic name card received from the second terminal if the authentication is successful.