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(54) **Titre : PROCEDE ET DISPOSITIF DE TRAITEMENT D'INTERACTION DE DONNEES**
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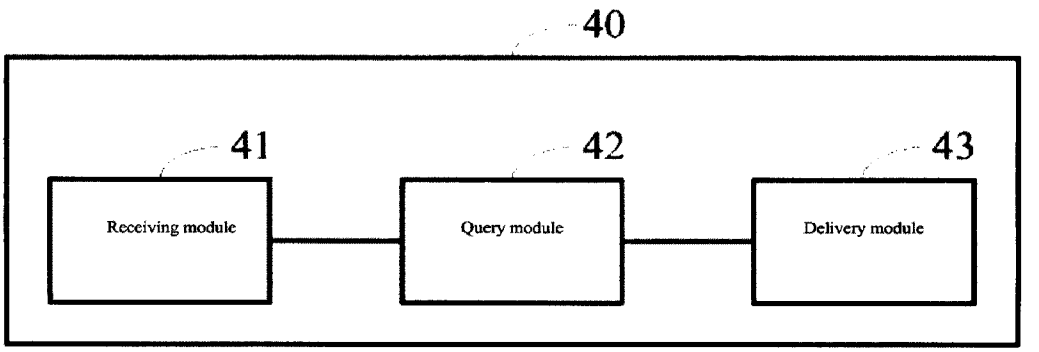

(57) **Abrégé/Abstract:**
A data interaction processing method and device. The method comprises: a server receives a request sent by a first terminal for obtaining information of at least two second terminals (S10); according to previously stored preference records, the server determines information of second terminals which satisfy a first preset requirement with a preference record of the first terminal (S11); the server sends the information of the second terminals to the first terminal (S12). The method enables the first terminal to first perform selecting on a data interaction object on the basis of a same preference condition, so that the first terminal avoids a process of filtering target data. The data to be interacted is provided by an eligible object, and the data interaction matching speed and the transmission security are increased.

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(54) **Title**: DATA INTERACTION PROCESSING METHOD AND DEVICE

(54) **发明名称** : 一种数据交互处理方法及装置

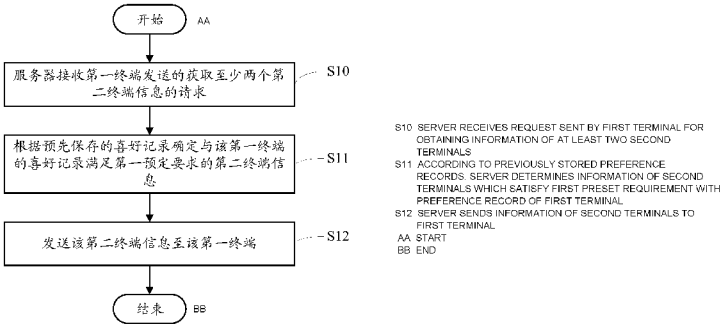

图 1

(57) **Abstract**: A data interaction processing method and device. The method comprises: a server receives a request sent by a first terminal for obtaining information of at least two second terminals (S10); according to previously stored preference records, the server determines information of second terminals which satisfy a first preset requirement with a preference record of the first terminal (S11); the server sends the information of the second terminals to the first terminal (S12). The method enables the first terminal to first perform selecting on a data interaction object on the basis of a same preference condition, so that the first terminal avoids a process of filtering target data. The data to be interacted is provided by an eligible object, and the data interaction matching speed and the transmission security are increased.

(57) **摘要**: 一种数据交互处理方法及装置，其中，该方法包括：服务器接收第一终端发送的获取至少两个第二终端信息的请求（S10）；根据预先保存的喜好记录确定与所述第一终端的喜好记录满足第一预定要求的第二终端信息（S11）；以及发送所述第二终端信息至所述第一终端（S12）。通过上述方式，能够使第一终端先对数据交互的对象基于相同喜好的条件进行选择，以使第一终端避免筛选目标数据的流程，由符合要求的对象提供所需交互的数据，提高数据交互的匹配速度和传输的安全性。

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Data Interaction Processing Method And Device

[1] [Technical Field]

[2] The present invention relates to the field of data interaction technology, especially involving a data interaction processing method and device.

[3] [Background Technology]

[4] With the 2G / 3G and even the 4G era is coming, as well as the widespread of WiFi hotspot, it marks the advent of the era of big data today. All the user's daily behaviour can theoretically achieve processing a variety of data by means of the network constructed by mobile data network provided by major operators, wireless local area networks such as WiFi and Internet technology. Therefore, the network environment has advantages over the offline real world in terms of user convenience, but how to use the network quickly to find the information that the user need, there is no effective solution.

[5] Take the data processing of a user in a life scene as an example. When a user purchases commodity through the Internet, he usually searches the commodity through the platform provided by the Internet, and then conducts further filters through a large amount of commodity information provided by the Internet. In the above way, although a large amount of commodity information can provide reference information for the user, it takes a lot of time for the user to filter out the commodity they need, and shopping is inefficient and reduces user experience.

[6] [Summary of the Invention]

[7] The technical problem mainly solved by the present invention is to provide a data interaction processing method and device, which can effectively improve the efficiency of data interaction.

[8] In order to solve the above technical problem, a technical solution adopted by the present invention is to provide a data interaction processing method, including: the first terminal delivers a request to the server for at least two second terminal information; according to the presaved preference records, the preference records of the first terminal meet the second terminal information requested in the first target; and delivering the second terminal information to the first terminal.

[9] In order to solve the above technical problem, another technical solution adopted by the present invention is to provide a data interaction processing method, where the method includes: the first terminal delivers a request to the server for at least two second terminal information; receiving the second terminal user information determined by the server

according to the presaved favourite records and meeting the first target requirement with the first terminal favourite record; and selecting, in received at least two second terminals, the favourite record meeting a second target requirement; the requirement information is delivered to the selected target second terminal to obtain the target data; and the target data from the second terminal is received.

[10] In order to solve the above technical problem, another technical solution adopted by the present invention is to provide a data interaction processing method, where the method includes: the first terminal delivers a request to the server for at least two second terminal information; the server response to the request favourite records of the first terminal based on the presaved preference records to meet the second terminal user requested in the first order, and delivers the second terminal to the first terminal; and the first terminal delivers, the first terminal select the received favourite record of at least two second terminals to meet the second terminal requirements of the second terminal as the target second terminal, and delivering to the selected target second terminal a requirement information for acquiring the target data; and the second terminal will be delivered to the first terminal with the target data matched with the requirements information; and the first terminal receives the target data.

[11] In order to solve the above technical problem, another technical solution adopted by the present invention is to provide a data interaction processing device, where the device includes: a receiving module is used to receive at least two second terminal information from the first terminal, a query module is used to respond to the request received by the receiving module, the second terminal information that meets the first target request is recorded according to the pre-saved favourite determines the record and the first terminal favourite record; and the deliver module is used to deliver the second terminal information specified in the query module to the first terminal.

[12] In order to solve the above technical problem, another technical solution adopted by the present invention is to provide a data interaction processing device, including: a delivery module is used to deliver requests to the server for at least two second terminal information; a receiving module is used to receive second terminal user information, which is determined by the server according to a pre-stored favourite record and meets the first preset requirement with the first terminal favourite record; and a selection module is used for the received second terminal to satisfy the second target request and the second terminal for the selection of the favourite record in at least two second terminals; the delivery module is also used to deliver requirement information for obtaining target data to the selected target second terminal; and the receiving module is also used receive the target

data from the second terminal.

[13] Different from the existing technology, the first terminal selects a target second terminal according to a degree of overlap of favourite records, so that the demand information for acquiring the target data is delivered to the target second terminal, making the target second terminal delivers the target data matching to the demand information to the first terminal, the target data is obtained by the first terminal, so as to achieve the interaction of the target data. Therefore, the first terminal selects and matches the objects of the data interaction firstly, and the desired interactive objects are provided by the qualified objects. On the one hand, the data interaction objects are selected based on the same preferences, so that the first terminal avoids selecting the target data to improve the efficiency of data interaction. On the other hand, the second terminal can ensure data transmission security when transmitting the target data.

[14] [Brief Description]

[15] Figure 1 is a schematic flow chart of a data interaction processing method in a first example of the present invention;

[16] Figure 2 is a schematic flowchart of a data interaction processing in a second example of the present invention;

[17] Figure 3 is a schematic flowchart of a data interaction processing method in a third example of the present invention;

[18] Figure 4 is a schematic structural diagram of a data interaction processing device in a first example of the present invention;

[19] Figure 5 is a schematic structural diagram of a data interaction processing device in a second example of the present invention.

[20] [Description of the Preferred Examples]

[21] The present invention will be described in detail below with reference to the accompanying drawings and examples.

[22] Please refer to Figure 1, it is a schematic flowchart of a data interaction processing method according to a first example of the present invention. The method flow shown in this example includes:

[23] Step S10: the server receives a request from the first terminal to obtain at least two second terminal information.

[24] In step S10, the first terminal and the second terminal are both clients for data interaction. The second terminal associated with the first terminal may be understood as that the first terminal had a communication connection with the second terminal and has conducted data interaction, so the two are in a friend relationship.

[25] Step S11: the favourite record of the first terminal is recorded according to presaved favourite record to meet the second terminal information requested in the first target.

[26] The first target request is that the favourite record of the second terminal having an interactive binding relationship with the first terminal overlaps with the favourite record of the first terminal.

[27] Further, the favourite record includes name, health status, interaction record, attention information and so on. Therefore, overlapping refers to the same name, state of health, interactive records, and focused information, etc., identical, or partly identical.

[28] Specifically, the server acquires a list of second terminals having an interactive binding relationship with the first terminal, and according to the presaved favourite record, the favourite of the first terminal are retrieved from this list to meet the second terminal user information requested in the first target.

[29] Step S12: deliver the second terminal information to the first terminal.

[30] In step S12, deliver the second terminal information to the first terminal, so that the second terminal which satisfies the second target request is determined by the first terminal according to the information of the second terminal, and deliver to the selected second target terminal the requirement information for acquiring the target data so that the target second terminal delivers the matched target data to the first terminal according to the demand information to obtain the target data.

[31] Wherein, the second target requirement is that the degree of overlap between the favourite record of the second terminal and the favourite record of the first terminal is higher than a threshold.

[32] In this example, the server pre-stores favourite records of the first terminal and each second terminal. When receiving the request of the first terminal, according to the favourite record of the first terminal, the favourite record of the search and the first terminal can meet the second terminal of the first reservation request, and the corresponding list of friends of the second terminal that contains the appropriate information is delivered to the first terminal. Wherein, the information at least includes a name and a favourite record for the first terminal to further select.

[33] In the above solution, the target data is the information about the Object Credit Certificate or the obtaining method of Object Credit Certificate. The Object Credit Certificate is a network electronic certificate that integrates the information of the target commodity/service and the necessary functions of the E-commerce for the target commodity/service provider.

[34] Further, the method for obtaining the Object Credit Certificate is the link address of the

Object Credit Certificate, and the linked address contains the Object Credit Certificate function, which provides the target commodity / service corresponding information and the essential function of E - commerce.

[35] The data interaction processing method in the example of the present invention is described below by way of example. Wherein, the first terminal is a buyer client (hereinafter referred to as buyer), and the second terminal is a seller client (hereinafter referred to as seller), the server is a server (hereinafter referred to as a server) running an E-commerce platform.

[36] Specifically, the buyer issues a request for obtaining a friend to the server, so that the server searches the seller's favourite records from the pre - saved buyer and seller's favourite according to the request, and delivers the friend list containing the seller's information to the buyer. Wherein, the information at least includes the seller's user name, the transaction time and transaction volume of the seller and buyer. The buyer selects a suitable seller from the friend list as a target seller based on the degree of overlap of the friend list and the favourite record. Specifically, the buyer may select one or more sellers with the highest degree of overlap as the target seller, and the selection conditions may be adjusted according to circumstances, which are not described here in detail. When the target seller is selected, the buyer sets the demand information and delivers the demand information request to the target seller. Specifically, the requirement information at least includes the name information of the target commodity / service. In order to further improve the purchase accuracy, there are at least two kinds of information including price and specification parameters. When the target seller receives the demand information, download the Object Credit Certificate that matches this requirement information from another server, and the Object Credit Certificate is delivered to the buyer. The buyer accepted the Object Credit Certificate to complete the transaction.

[37] As described above, collecting the favourite information of each terminal through the server may help the first terminal to select the second terminal with more same favourite information, and better to help the first terminal with shopping, and first terminal is no longer required to select and filter, which effectively improve the shopping efficiency of the first terminal.

[38] The data interaction processing method in the example of the present invention is illustrated below by way of example. Wherein, the first terminal is Client A, the second terminal is Client B, and the server is a Data-Management Server. Wherein, each Client B correspondingly saves an administrator password of one or more terminal devices, and the administrator password is used for performing administrator rights on the corresponding terminal device. The Client A, B and terminal devices can be personal computers, tablet

computers, smart phones and other devices that can interact with the Data-Management Server through the network.

[39] When the Client A delivers a request for obtaining its friend list to the Data-Management Server, the Data-Management Server responds to the request and according to the pre-saved favourite record, the favourite record of the Client A is recorded to meet the Client B of the first target request, and delivers the friend list containing the determined Client B to Client A. The Data-Management Server pre-saves Client A and preferences records for each Client B.

[40] Client A, based on the list of friends, selects the overlapping degree of favourite records as the target client for the data interaction. The Client A sets the requirement information of the target data that needs to be interacted with and delivers the requirement information to the target client so that the target client downloads the matched data from another server and delivers the data to the Client A so that the Client A accepts the data to obtain the ownership or authority of the data. Wherein, in order to secure data information, the interactive data can be a packet formed after the encryption of the administrator's password of the terminal Device C and the key to decrypt the packet. When the Client A accepts the data, the data packet is decrypted and decompressed by using the key and another key provided by the device providing the administrator password of the terminal Device C to obtain the administrator password of the terminal Device C.

[41] In the above solution, the first terminal selects the target second terminal according to the degree of overlap of the favourite records so as to deliver the requirement information for the target data to the target second terminal, so that the target second terminal delivers a target that matches the requirement information, When the data is delivered to the first terminal, the target data is obtained by the first terminal, so as to achieve the interaction of the target data. Therefore, the first terminal selects and matches the objects of the data interaction firstly, and the desired interactive objects are provided by the qualified objects. On the one hand, the data interaction objects are selected based on the same preferences, so that the first terminal avoids selecting the target data to improve the efficiency of data interaction. On the other hand, the second terminal can ensure data transmission security when transmitting the target data.

[42] Please refer to Figure 2, it is a data interaction processing method according to the second example of the present invention, the method and process including:

[43] Step S20: the first terminal delivers a request for obtaining at least two pieces of second terminal information to the server.

[44] In step S20, the first terminal and the second terminal are both clients for data interaction.

The second terminal associated with the first terminal may be understood as that the first terminal had a communication connection with the second terminal and has conducted data interaction, so the two are in a friend relationship.

[45] Step S21: receive the second terminal user information from the server based on the pre-saved favourite record and the first terminal favourite record to meet the first target request.

[46] The first target request is that the favourite record of the second terminal having an interactive binding relationship with the first terminal overlaps with the favourite record of the first terminal.

[47] Further, the favourite record includes name, health status, interaction record, attention information and so on. Therefore, overlapping refers to the same name, state of health, interactive records, and focused information, etc., identical, or partly identical.

[48] In this example, the server pre-stores favourite records of the first terminal and each second terminal. When receiving the request of the first terminal, according to the favourite record of the first terminal, the favourite record of the search and the first terminal can meet the second terminal of the first reservation request, and the corresponding list of friends of the second terminal that contains the appropriate information is delivered to the first terminal. Wherein, the information includes at least the name and favourite information for the first terminal to further select.

[49] Step S22: the selection of favourite records in received at least two second terminals will meet the second terminal of the second target request.

[50] Wherein, the second target requirement is that the degree of overlap between the favourite record of the second terminal and the favourite record of the first terminal is higher than a threshold.

[51] In step S22, the first terminal calculates a degree of overlap between a favourite record of each second terminal having an interactive binding relationship and a favourite record of the first terminal, and calculates a degree of overlap between the calculated degrees of overlap from a high to low order, and select one or more second terminals whose degree of overlap is higher than a threshold as the target second terminal.

[52] Step S23: deliver the requirement information for acquiring the target data to the selected target second terminal.

[53] In step S23, when the target second terminal receives the requirement information, and according to the requirement information, the target data to be matched is downloaded from a server. Wherein, the server pre-save a variety of data.

[54] Step S24: receive the target data from the target second terminal.

[55] Further, the first terminal generates a transaction order according to the target data.

[56] In the above solution, the target data is the information about the Object Credit Certificate or the obtaining method of Object Credit Certificate. The Object Credit Certificate is a network electronic certificate that integrates the information of the target commodity/service and the necessary functions of the E-commerce for the target commodity/service provider.

[57] Further, the method for obtaining the Object Credit Certificate is the link address of the Object Credit Certificate, and the linked address contains the Object Credit Certificate function, which provides the target commodity / service corresponding information and the essential function of E - commerce.

[58] Please refer to Figure 3, it is a data interaction processing method according to a third example of the present invention. The method and process shown in this example includes:

[59] Step S30: the first terminal delivers a request for obtaining at least two pieces of second terminal information to the server.

[60] In step S31, the server, in response to the request, determines, according to the pre-saved favourite record, which the second terminal user meeting the first target requirement with the favourite record of the first terminal and delivers the second terminal to the first terminal.

[61] The first target request is that the favourite record of the second terminal having an interactive binding relationship with the first terminal overlaps with the favourite record of the first terminal.

[62] Further, the favourite record includes name, health status, interaction record, attention information and so on. Therefore, overlapping refers to the same name, state of health, interactive records, and focused information, etc., identical, or partly identical.

[63] Step S32: the first terminal selects the receive favourite record in the at least two second terminals, and the second terminal meeting the second target requirements is the target second terminal, and delivers the selected demand information to the target second terminal to obtain the target data.

[64] Wherein, the second target requirement is that the degree of overlap between the favourite record of the second terminal and the favourite record of the first terminal is higher than a threshold.

[65] In step S32, the first terminal calculates a degree of overlap between a record of each second terminal having an interactive binding relationship and a favourite record of the first terminal, and calculates a degree of overlap between the calculated degrees of overlap from a high to low order, and select one or more second terminals whose degree of overlap

is higher than a threshold as the target second terminal.

[66] Step S33: the second terminal delivers the target data that matches the requirement information to the first terminal.

[67] Step S34, the first terminal receives the target data.

[68] Please refer to Figure 4, it is a schematic structural diagram of a data interaction processing device according to a first example of the present invention. The data interaction processing device 40 shown in this example includes a receiving module 41, a query module 42, and a delivery module 43. In this example, the device 40 is a server.

[69] The receiving module 41 is used to receive a request for acquiring at least two pieces of second terminal information delivered by a first terminal.

[70] The first terminal and the second terminal are both clients for data interaction. The second terminal associated with the first terminal may be understood as that the first terminal had a communication connection with the second terminal and has conducted data interaction, so the two are in a friend relationship.

[71] The query module 42 is used to respond to the request received by the receiving module 41, the favourite record of the first terminal is recorded according to presaved favourite record to meet the second terminal information requested in the first target.

[72] The first target request is that the favourite record of the second terminal having an interactive binding relationship with the first terminal overlaps with the favourite record of the first terminal.

[73] Further, the favourite record includes name, health status, interaction record, attention information and so on. Therefore, overlapping refers to the same name, state of health, interactive records, and focused information, etc., identical, or partly identical.

[74] In the present example, the device 40 pre-stores favourite records of the first terminal and each second terminal. When the receiving module 41 receives the request of the first terminal, the query module 42 searches for the second terminal meeting the first target requirement with the favourite record of the first terminal according to the favourite record of the first terminal, and the delivery module 43 delivers the corresponding list of friends to the first terminal containing the identified second terminal information. Wherein, the information includes at least name and favourite records for the first terminal to further select.

[75] The delivery module 43 is used to deliver that the query module 42 determined the second terminal information to the first terminal, so that the second terminal which satisfies the second target request is determined by the first terminal according to the information of the second terminal, and deliver to the selected second target terminal the requirement

information for acquiring the target data so that the target second terminal delivers the matched target data to the first terminal according to the demand information to obtain the target data.

[76] Wherein, the second target requirement is that the degree of overlap between the favourite record of the second terminal and the favourite record of the first terminal is higher than a threshold.

[77] In the above solution, the target data is the information about the Object Credit Certificate or the obtaining method of Object Credit Certificate. The Object Credit Certificate is a network electronic certificate that integrates the information of the target commodity/service and the necessary functions of the E-commerce for the target commodity/service provider.

[78] Further, the method for obtaining the Object Credit Certificate is the link address of the Object Credit Certificate, and the linked address contains the Object Credit Certificate function, which provides the target commodity / service corresponding information and the essential function of E - commerce.

[79] Please refer to Figure 5, which is a schematic structural diagram of a data interaction processing device according to a first example of the present invention. The data interaction processing device 50 shown in this example includes a delivery module 51, a selecting module 52 and a receiving module 53. In the present example, the device 50 is a client and runs on an electronic device such as a smart phone or a tablet computer.

[80] The delivery module 51 is used to deliver a request for obtaining at least two pieces of second terminal information to a server.

[81] The receiving module 53 is used to receive second terminal user information that meets the first preset requirement from the favourite record of the first terminal that is determined by the server according to the pre-stored favourite record.

[82] Wherein, the favourite record of the second terminal having the first target requirement that is in an interactive binding relationship with the device 50 overlaps the favourite record of the device 50.

[83] Further, the favourite record includes name, health status, interaction record, attention information and so on. Therefore, overlapping refers to the same name, state of health, interactive records, and focused information, etc., identical, or partly identical.

[84] Wherein, both the device 50 and the server are clients for realizing data interaction. A server having an association relationship with the device 50 may be understood as the device 50 having once communicated with the server and performing data interaction. Therefore, as a friend relationship.

[85] In this example, the server pre-stores favourite records of the first terminal and each second terminal. When receiving the request of the device 50, the server searches for the second terminal satisfying the first target requirement with the favourite record of the device 50 according to the favourite record of the device 50, and delivers the corresponding friend list containing the second terminal information to the device 50. Where the information includes at least a name and a favourite record for the device 50 to further select.

[86] The selection module 52 is used to select, among the received at least two second terminals, that the second terminal that likes to record the meeting the second predetermined requirement as the target second terminal.

[87] Wherein, the second target requirement is that the degree of overlap between the favourite record of the second terminal and the favourite record of the first terminal is higher than a threshold.

[88] Specifically, after receiving a plurality of server information as its friends, the selection module 52 calculates the overlap between the favourite record of each second terminal having an interactive binding relationship and the favourite record of the first terminal, and the calculated degree of overlap is arranged in ascending order and second terminal of one or more of the highest overlapped values is selected as the second terminal of the target.

[89] The delivery module 51 is also used to deliver to the target second terminal determined by the selection module 52 the requirement information for acquiring the target data so that the target second terminal delivers the matched target data to the device 50 according to the requirement information, or transfer or license the target data or its authority or ownership to the device 50.

[90] The receiving module 55 is also to obtain the target data.

[91] In the above solution, the target data is the information about the Object Credit Certificate or the obtaining method of Object Credit Certificate. The Object Credit Certificate is a network electronic certificate that integrates the information of the target commodity/service and the necessary functions of the E-commerce for the target commodity/service provider.

[92] Further, the method for obtaining the Object Credit Certificate is the link address of the Object Credit Certificate, and the linked address contains the Object Credit Certificate function, which provides the target commodity / service corresponding information and the essential function of E - commerce.

[93] The invention provides a data interaction processing method and device, a first terminal selects a target second terminal according to a degree of overlap of favourite records so as to deliver the requirement information for the target data to the target second terminal, so

that the target second terminal delivers a target that matches the requirement information, When the data is delivered to the first terminal, the target data is obtained by the first terminal, so as to achieve the interaction of the target data. Therefore, the first terminal selects and matches the objects of the data interaction firstly, and the desired interactive objects are provided by the qualified objects. On the one hand, the data interaction objects are selected based on the same preferences, so that the first terminal avoids selecting the target data to improve the efficiency of data interaction. On the other hand, the second terminal can ensure data transmission security when transmitting the target data.

[94] In the above examples, the present invention has been exemplary described only, but various modifications to the present invention can be made by those skilled in the area after reading this patent application without departing from the spirit and scope of the present invention.

Claims:

1. A network data interaction processing computer-implemented method comprising:

delivering with a computer processor a request of acquiring user information of at least two second computer terminals to a computer server, wherein a first computer terminal and the at least two second computer terminals already have previously connected to each other;

acquiring with the computer processor determined user information of these second computer terminals from the computer server whose pre-saved preferences met first target requirement of the first computer terminal;

selecting with the computer processor one of these second computer terminals as a target second computer terminal whose pre-saved preferences met second target requirement;

delivering with the computer processor a required information of acquiring a target data to the target second computer terminal;

receiving with the computer processor the target data from the target second computer terminal;

accepting with the computer processor the target data to obtain ownership or authority of the target data;

generating with the computer processor an e-commerce transaction between the first computer terminal and the target second computer terminal according to the target data; and

saving with the computer processor an administrator password of one or more target second computer terminals, and wherein the administrator password is used for performing administrator rights on a corresponding computer terminal device.

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2. The method of claim 1, wherein the first target requirement refers to an overlap between pre-saved preferences of each second computer terminal and the pre-saved preferences of the first computer terminal.

3. The method of claim 1, wherein the second target requirement refers to the extent of overlapping between pre-saved preferences of second computer terminals with the same pre-saved preferences of the first computer terminal exceeds a threshold.

4. The method of claim 1 further includes:

calculating respectively the extent of overlapping between pre-saved preferences of each second computer terminal and the pre-saved preferences of the first computer terminal, wherein the extent of overlapping of each second computer terminal is arranged in order from high to low; and

selecting one of these second computer terminals as the target second computer terminal whose extent of overlapping exceeds a threshold.

5. The method of claim 1 further includes:

selecting more than one of these second computer terminals as the target second computer terminals whose extent of overlapping exceeds a threshold.

6. The method of any one of claims 1 to 5, wherein the pre-saved preferences at least includes a user name.

7. The method of any one of claims 1 to 6, wherein the pre-saved preferences at least includes a user's physical condition.

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8. The method of any one of claims 1 to 7, wherein the pre-saved preferences at least includes an interaction record.

9. The method of any one of claims 1 to 8, wherein the pre-saved preferences at least includes a user's following list.

10. The method of claim 1, wherein the target data is obtaining manner information of an object credit certificate.

11. The method of claim 1, wherein the target data is an object credit certificate which is a network electronic certificate that integrates the information of a target commodity/service and the necessary functions of the e-commerce for target commodity/service provider, where in a linked address may contain an object credit certificate function.

12. The method of claim 1 further includes:

the first computer terminal generates a transaction order according to the target data.

13. The method of claim 1, wherein the computer server stores each preference between each second computer terminal and the first computer terminal in advance.

14. The method of any one of claims 1 to 13, wherein the required information of acquiring the target data at least includes name information of the target commodity / service.

15. The method of any one of claims 1 to 14, wherein the required information of acquiring the target data further includes price information of the target commodity / service.

16. The method of any one of claims 1 to 15, wherein the required information of acquiring the target data further includes specification information of the target commodity / service.

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17. The method of any one of claims 1 to 16, wherein the first computer terminal is a buyer's computer terminal.

18. The method of any one of claims 1 to 16, wherein each second computer terminal is a seller's computer terminal.

19. The method of any one of claims 1 to 16, wherein the computer server includes an electronic commerce platform.

20. The method of any one of claims 1 to 19, wherein the computer terminal device can be personal computers, tablet computers, smart phones and other computer devices that can interact with a data-management server through the network.

21. A network data interaction processing computer-implemented method comprising:

receiving with the computer processor a request of acquiring user information of at least two second computer terminals from a first computer terminal, wherein the first computer terminal and the at least two second computer terminals have previously connected to each other;

determining with the computer processor user information of these second computer terminals whose pre-saved preferences met first target requirement of the first computer terminal;

delivering with the computer processor the determined user information of these second computer terminals to the first computer terminal;

delivering with the computer processor the target data to obtain ownership or authority of the target data to the first computer terminal;

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generating with the computer processor an e-commerce transaction between the first computer terminal and the target second computer terminal according to the target data; and

deliver with the computer processor an administrator password of one or more target second computer terminals, and wherein the administrator password is used for performing administrator rights on a corresponding computer terminal device to the first terminal.

22. The method of claim 21 further includes:

obtaining a list of the second computer terminals having interactive binding relationships with the first computer terminal; and

determining user information of the second computer terminals whose pre-saved preferences met the first target requirement of the first computer terminal from the list.

23. The method of any one of claims 21 to 22 wherein the first target requirement refers to an overlap between pre-saved preferences of each second computer terminal and the pre-saved preferences of the first computer terminal.

24. The method of any one of claims 21 to 23, wherein the pre-saved preferences at least includes a user name.

25. The method of any one of claims 21 to 24, wherein the pre-saved preferences at least includes a user's physical condition.

26. The method of any one of claims 21 to 25, wherein the pre-saved preferences at least includes an interaction record.

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27. The method of any one of claims 21 to 26, wherein the pre-saved preferences at least includes a user's following list.

28. The method of claim 21, wherein the target data is obtaining manner information of an object credit certificate.

29. The method of claim 21, wherein the target data is an object credit certificate, which is a network electronic certificate that integrates the information of a target commodity/service and the necessary functions of the E-commerce for target commodity/service provider, where in a linked address may contain an object credit certificate function.

30. The method of claim 21, wherein a computer server stores interactive binding relationship between each second computer terminal and the first computer terminal in advance.

31. The method of any one of claims 21 to 30, wherein the first computer terminal is a buyer's computer terminal.

32. The method of any one of claims 21 to 30, wherein each second computer terminal is a seller's computer terminal.

33. The method of any one of claims 21 to 30, wherein the computer server includes an electronic commerce platform.

34. The method of any one of claims 21 to 33, wherein the computer terminal device can be personal computers, tablet computers, smart phones and other computer devices that can interact with a data-management server through the network.

35. A network data interaction processing computer-implemented method comprises:

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a first computer terminal delivers a request of acquiring user information of at least two second computer terminals to a computer server;

the computer server determines user information of these second computer terminals whose pre-saved preferences met first target requirement of the first computer terminal wherein the first computer terminal and the two second computer terminals have previously connected to each other;

the first computer terminal selects one of these second computer terminals as a target second computer terminal whose pre-saved preferences met second target requirement after acquiring the determined user information of these second computer terminals from the computer server;

the second computer terminal delivers a required information of acquiring a target data to the target second computer terminal;

the target second computer terminal receives a target requirement information and according to the target requirement information, the target data to be matched is downloaded from the computer server;

the first computer terminal receives the target data from the target second computer terminal;

the first computer terminal accepts the target data to obtain ownership or authority of the target data;

The first computer terminal generates an e-commerce transaction with the target second computer terminal according to the target data; and

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the first computer terminal saves an administrator password of one or more target second computer terminals, and wherein the administrator password is used for performing administrator rights on a corresponding computer terminal device.

36. The method of claim 35, wherein the first target requirement refers to an overlap between pre-saved preferences of each second computer terminal and the pre-saved preferences of the first computer terminal.

37. The method of claim 35, wherein the second target requirement refers to the extent of overlapping between pre-saved preferences of second computer terminals with the same pre-saved preferences of the first computer terminal exceeds a threshold.

38. The method of claim 35 further includes:

the first computer terminal calculates respectively the extent of overlapping between pre-saved preferences of each second computer terminal and the pre-saved preferences of the first computer terminal, wherein the extent of overlapping of each second computer terminal is arranged in order from high to low; and

the first computer terminal selects one of these second computer terminals as the target second computer terminal whose extent of overlapping exceeds a threshold.

39. The method of claim 35 further includes:

the first computer terminal selects more than one of these second computer terminals as the target second computer terminals whose extent of overlapping exceeds a threshold.

40. The method of any one of claims 35 to 39, wherein the pre-saved preferences at least includes a user name.

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41. The method of any one of claims 35 to 40, wherein the pre-saved preferences at least includes a user's physical condition.

42. The method of any one of claims 35 to 41, wherein the pre-saved preferences at least include an interaction record.

43. The method of any one of claims 35 to 42, wherein the pre-saved preferences at least includes a user's following list.

44. The method of claim 35, wherein the target data is obtaining manner information of an object credit certificate.

45. The method of claim 35, wherein the target data is an object credit certificate, which is a network electronic certificate that integrates the information of a target commodity/service and the necessary functions of the E-commerce for target commodity/service provider, where in a linked address may contain an object credit certificate function.

46. The method of claim 35 further includes:

the first computer terminal generates a transaction order according to the target data.

47. The method of claim 35, wherein the computer server stores interactive binding relationship between each second computer terminal and the first computer terminal in advance.

48. The method of any one of claims 35 to 47, wherein the required information of acquiring the target data at least includes name information of the target commodity / service.

49. The method of any one of claims 35 to 48, wherein the required information of acquiring the target data further includes price information of the target commodity / service.

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50. The method of any one of claims 35 to 49, wherein the required information of acquiring the target data further includes specification information of the target commodity / service.

51. The method of any one of claims 35 to 50, wherein the first computer terminal is a buyer's computer terminal.

52. The method of any one of claims 35 to 50, wherein each second computer terminal is a seller's computer terminal.

53. The method of any one of claims 35 to 50, wherein the computer server includes an electronic commerce platform.

54. The method of any one of claims 35 to 53, wherein the computer terminal device can be personal computers, tablet computers, smart phones and other computer devices that can interact with a data-management computer server through the network.

55. A network data interaction processing computer device comprising:

a delivery module, configured to

deliver a request of acquiring user information of at least two second computer terminals to a computer server, wherein a first computer terminal and the at least two second computer terminals have previously connected to each other;

a receiving module, configured to:

acquire the determined user information of these second computer terminals whose pre-saved preferences met first target requirement of a first computer terminal from the server;

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accept a target data to obtain ownership or authority of the target data;

generate an e-commerce transaction with the target second computer terminal according to the target data;

save an administrator password of one or more target second computer terminals, and wherein the administrator password is used for performing administrator rights on a corresponding computer terminal device; and

a selecting module, configured to:

select one of these second computer terminals as a target second computer terminal whose pre-saved preferences met second target requirement.

56. The device of claim 55, wherein the delivery module is further configured to deliver a required information of acquiring the target data to the target second computer terminal.

57. The device of claim 55, wherein the receiving module is further configured to receive the target data according to a target requirement information, or transfer or license the target data or its authority or ownership from the target second computer terminal.

58. The device of claim 55, wherein the first target requirement refers to an overlap between pre-saved preferences of each second computer terminal and the pre-saved preferences of the first computer terminal.

59. The device of claim 55, wherein the second target requirement refers to the extent of overlapping between pre-saved preferences of second computer terminals with the same pre-saved preferences of the first computer terminal exceeds a threshold.

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60. The device of any one of claims 55 to 59, wherein the pre-saved preferences at least includes a user name.

61. The device of any one of claims 55 to 60, wherein the pre-saved preferences at least includes a user's physical condition.

62. The device of any one of claims 55 to 61, wherein the pre-saved preferences at least includes an interaction record.

63. The device of any one of claims 55 to 62, wherein the pre-saved preferences at least includes a user's following list.

64. The device of any one of claims 55 to 63, wherein target the is obtaining manner information of an object credit certificate.

65. The device of any one of claims 55 to 63, wherein the target data is an object credit certificate, which is a network electronic certificate that integrates the information of a target commodity/service and the necessary functions of the E-commerce for target commodity/service provider, where in a linked address may contain an object credit certificate function.

66. The device of claim 55, wherein the computer server stores each interactive binding relationship between each second computer terminal and the first computer terminal in advance.

67. The device of any one of claims 56 to 66, wherein the required information of acquiring the target data at least includes name information of the target commodity / service.

68. The device of any one of claims 56 to 67, wherein the required information of acquiring the target data further includes price information of the target commodity / service.

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69. The device of any one of claims 56 to 68, wherein the required information of acquiring the target data further includes specification information of the target commodity / service.

70. The device of any one of claims 55 to 69, wherein the first computer terminal is a buyer's computer terminal.

71. The device of any one of claims 55 to 69, wherein each second computer terminal is a seller's computer terminal.

72. The device of any one of claims 55 to 69, wherein the computer server includes an electronic commerce platform.

73. The device of any one of claims 55 to 72 wherein the data interaction processing computer devices can be personal computers, tablet computers, smart phones and other computer devices that can interact with a data-management server through the network.

74. A network data interaction processing computer device comprising:

a receiving module, configured to:

receive a request of acquiring user information of at least two second computer terminals from a first computer terminal, wherein the first computer terminal and the at least two second computer terminals have previously connected to each other;

a query module, configured to:

determine user information of these second computer terminals whose pre-saved preferences met first target requirement of the first computer terminal;

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a delivery module, configured to:

deliver the determined user information of these second computer terminals to the first computer terminal;

deliver a target data to obtain ownership or authority of the target data to the first computer terminal wherein the first computer terminal generates an e-commerce transaction with the target second computer terminal according to the target data; and

deliver an administrator password of one or more target second computer terminals, and wherein the administrator password is used for performing administrator rights on a corresponding computer terminal device to the first computer terminal.

75. The device of claim 74, wherein the first target requirement refers to an overlap between pre-saved preferences of each second computer terminal and the pre-saved preferences of the first computer terminal.

76. The device of any one of claims 74 to 75, wherein the pre-saved preferences at least includes a user name.

77. The device of any one of claims 74 to 76, wherein the pre-saved preferences at least includes a user's physical condition.

78. The device of any one of claims 74 to 77, wherein the pre-saved preferences at least includes an interaction record.

79. The device of any one of claims 74 to 78, wherein the pre-saved preferences at least includes a user's following list.

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80. The device of claim 74, wherein the target data is obtaining manner information of an object credit certificate.

81. The device of claim 74, wherein the target data is an object credit certificate, which is a network electronic certificate that integrates the information of a target commodity/service and the necessary functions of the E-commerce for target commodity/service provider, where in a linked address may contain the object credit certificate function.

82. The device of claim 74, wherein a computer server stores each interactive binding relationship between each second computer terminal and the first computer terminal in advance.

83. The device of any one of claims 74 to 82, wherein the first computer terminal is a buyer's computer terminal.

84. The device of any one of claims 74 to 82, wherein each second computer terminal is a seller's computer terminal.

85. The device of any one of claims 74 to 82, wherein the computer server includes an electronic commerce platform.

86. The device of any one of claims 74 to 85, wherein the computer terminal devices can be personal computers, tablet computers, smart phones and other computer devices that can interact with a data-management computer server through the network.

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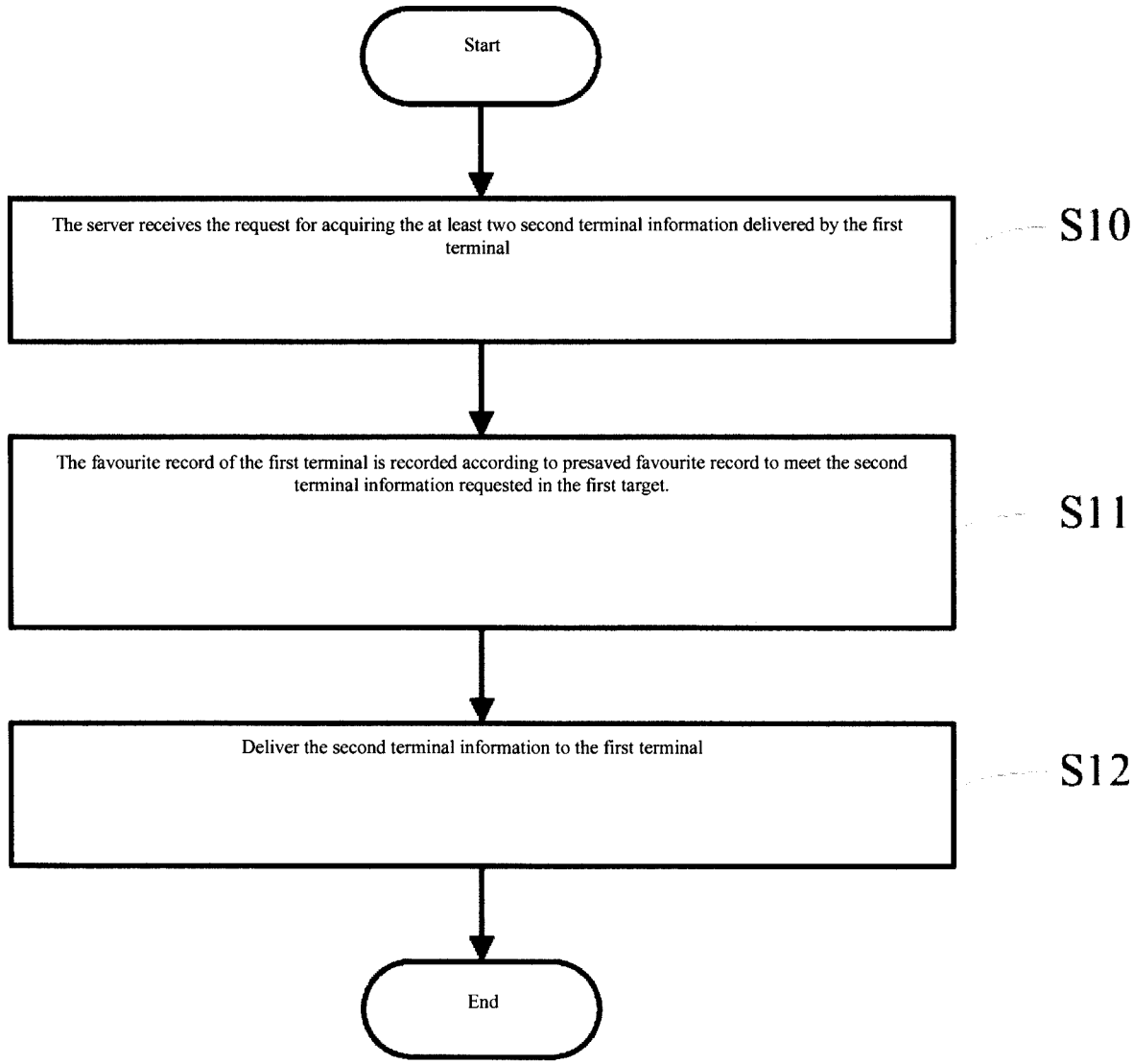

Start
The server receives the request for acquiring the at least two second terminal information delivered by the first terminal
S10
The favourite record of the first terminal is recorded according to presaved favourite record to meet the second terminal information requested in the first target.
S11
Deliver the second terminal information to the first terminal
S12
End

Figure 1

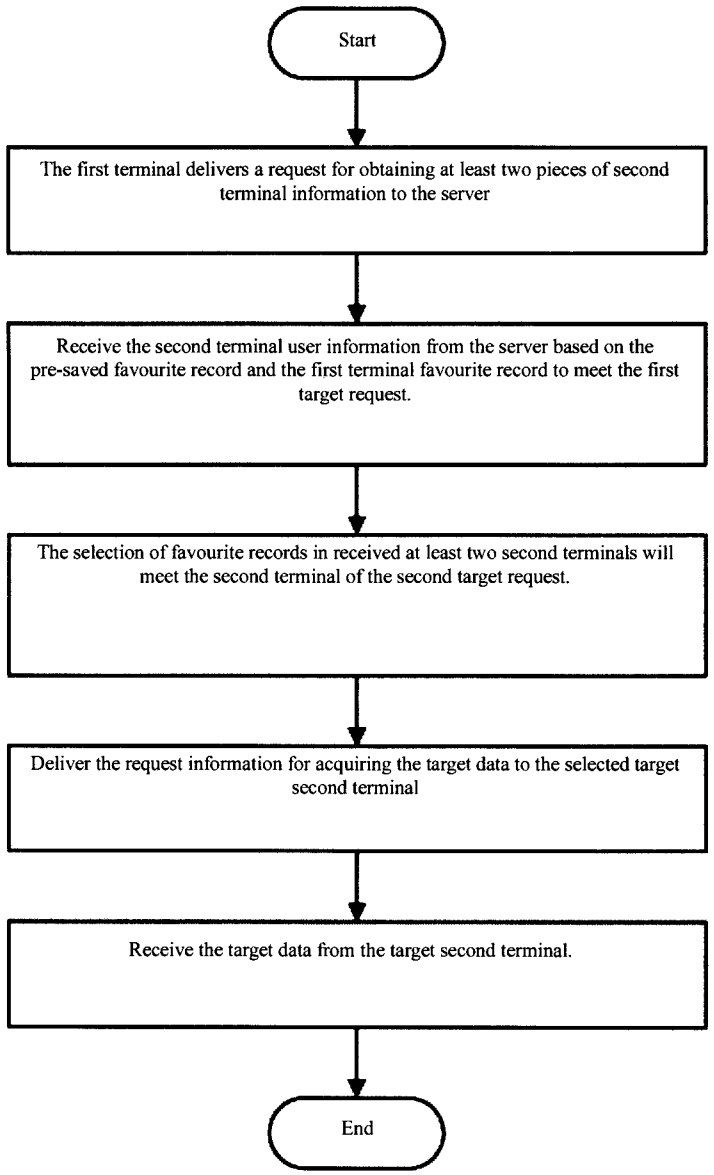

Start
The first terminal delivers a request for obtaining at least two pieces of second terminal information to the server
S20
Receive the second terminal user information from the server based on the pre-saved favourite record and the first terminal favourite record to meet the first target request.
S21
The selection of favourite records in received at least two second terminals will meet the second terminal of the second target request.
S22
Deliver the request information for acquiring the target data to the selected target second terminal
S23
Receive the target data from the target second terminal.
S24
End

Figure 2

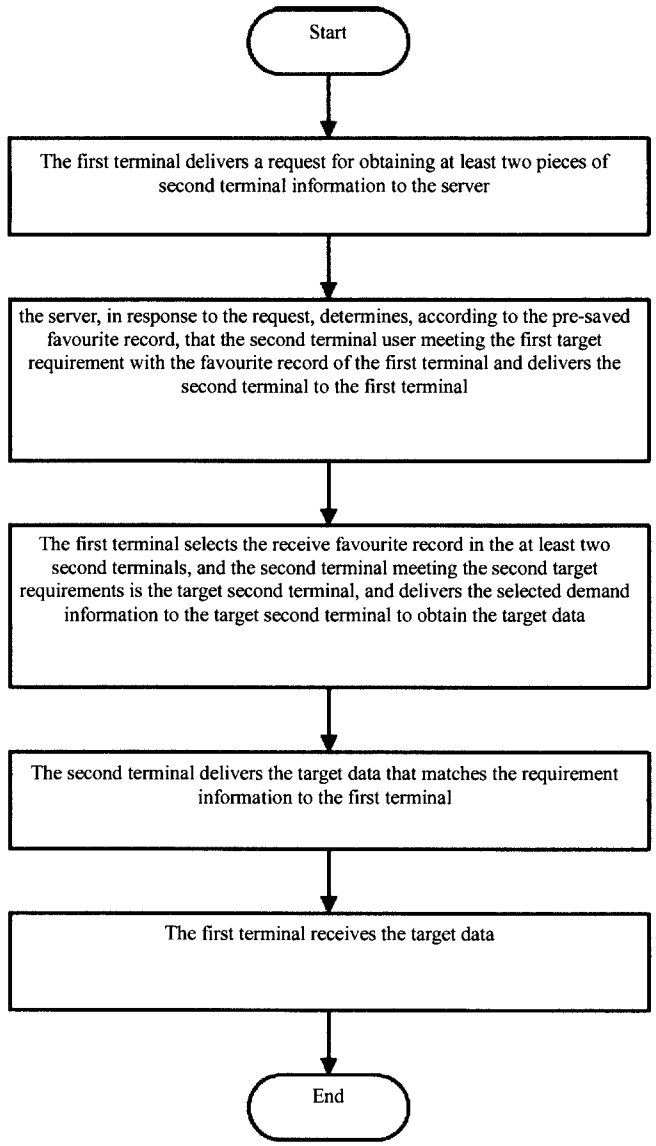

Start
The first terminal delivers a request for obtaining at least two pieces of second terminal information to the server
S30
the server, in response to the request, determines, according to the pre-saved favourite record, that the second terminal user meeting the first target requirement with the favourite record of the first terminal and delivers the second terminal to the first terminal
S31
The first terminal selects the receive favourite record in the at least two second terminals, and the second terminal meeting the second target requirements is the target second terminal, and delivers the selected demand information to the target second terminal to obtain the target data
S32
The second terminal delivers the target data that matches the requirement information to the first terminal
S33
The first terminal receives the target data
S34
End

Figure 3

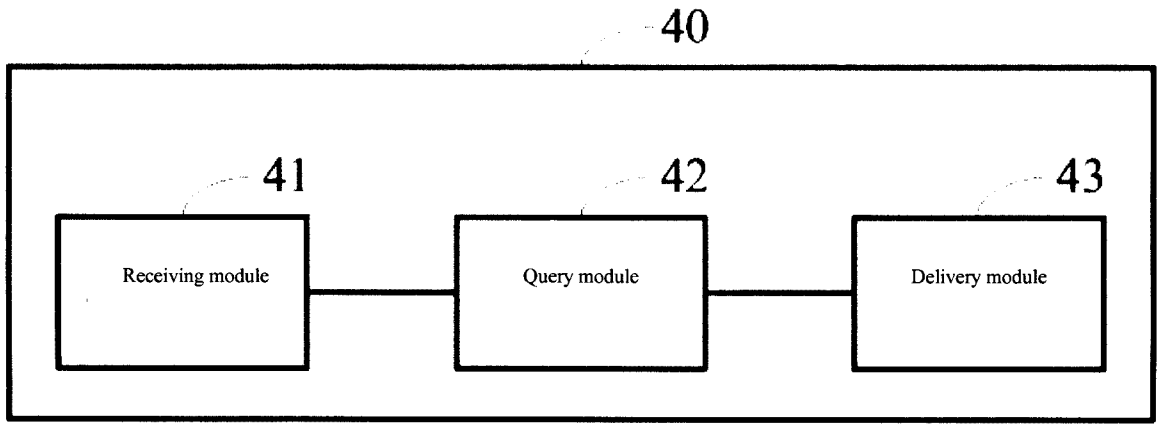


Figure 4

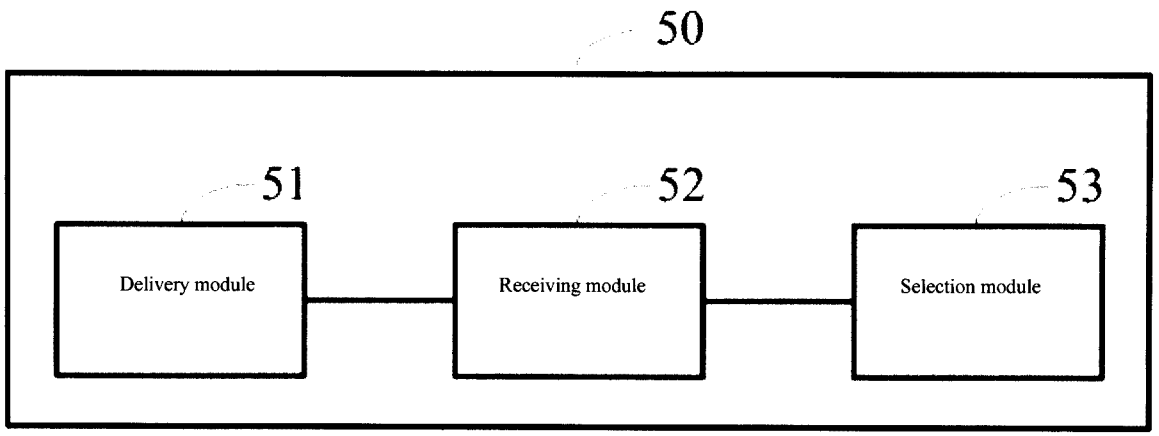
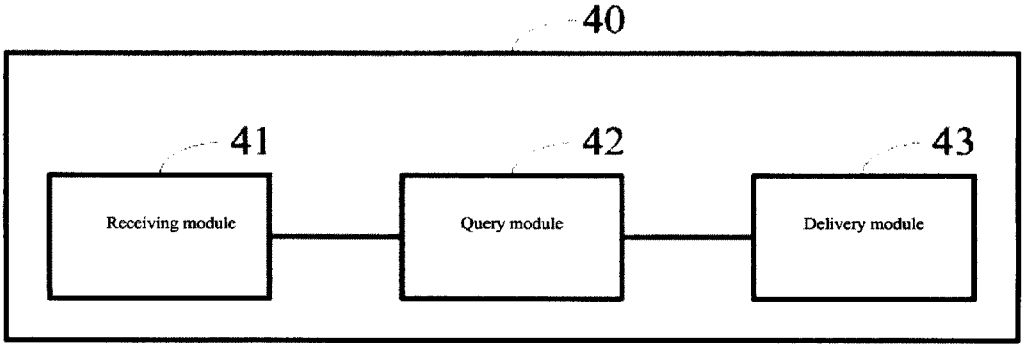


Figure 5


40
41
42
43
Receiving module
Query module
Delivery module