What Is Claimed Is

1. A ~~joint payment~~computer-executed method ~~based on a binding relationship~~, the method comprising:

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receiving, by a ~~client sending~~server, a joint~~-~~payment request ~~to a server,~~ from a terminal device associated with a first user, wherein the joint~~-~~payment request corresponds to a payment ~~request carrying an~~for a service or a product for two or more users, and wherein the joint-payment request includes a first identifier of ~~a joint payment initiator and an identifier corresponding to a current joint object;~~

~~———~~ ~~the server parsing~~ the ~~identifier of~~first user sending the joint~~-~~payment ~~initiator and the identifier corresponding to the current joint object carried in the received joint payment request;~~

~~———~~ ~~the server~~ request;

determining, ~~according to the identifier of the joint payment initiator and the identifier corresponding to the current joint object, whether~~based on a status of information exchange between the first user and one or more to-be-included users, that a binding relationship exists between the first user and the one or more to-be-included users, wherein the determining is further based on a frequency and a count of the information exchange satisfying a pre-defined threshold;

recommending, to the first user, the one or more to-be-included users for providing the service or the product;

receiving, from the first user, selection of at least one to-be-included user for the binding relationship; and

in response to determining, based on the first identifier of the first user and a second identifier of the at least one to-be-included user that a binding relationship has been established ~~between the joint payment initiator and the current joint object;~~

~~———~~ ~~if so, the server~~:

randomly generating ~~graphic codes respectively corresponding to~~

~~the joint payment initiator and the current joint object, and sending to~~ a first graphic code based on the ~~client the~~ first identifier and a second graphic ~~codes respectively corresponding to the joint payment initiator and the current joint object~~code based on the second identifier; and

transmitting the ~~client receiving the~~first graphic ~~codes respectively corresponding to the joint payment initiator~~code and the ~~current~~second graphic code to the terminal device,

wherein the first user completes the joint ~~object, and~~payment by displaying the randomly generated first and second graphic codes ~~respectively corresponding~~ to ~~the joint payment initiator and the current joint object to complete joint payment.~~

a code scanner.

2. The method according to claim 1, wherein the ~~if so, the server generating graphic codes respectively corresponding to the joint payment initiator and the current joint object comprises:~~

~~if so, the server randomly generating the graphic codes respectively corresponding to the joint payment initiator and the current joint object.~~

~~3. The method according to claim 1, wherein displaying the graphic codes respectively corresponding to the joint payment initiator and the current joint object to complete joint payment comprises:~~

~~displaying, according to a preset display rule, the graphic codes respectively corresponding to the joint payment initiator and the current joint object to complete the joint payment.~~

~~4. The method according to claim 1, the method further comprising:~~

~~if no~~terminal device is configured to display the randomly generated first and second graphic codes based on a predetermined display rule.

3. The method according to claim 1, further comprising:

in response to determining that the binding relationship has not been established~~ between the joint payment initiator and the current joint object~~, notifying the ~~joint payment initiator~~first user that the joint payment fails~~,~~; and

guiding the ~~joint payment initiator~~first user to establish a binding relationship with the ~~current joint object.~~

~~5. A joint payment method based on a binding relationship, applied to a client, the method comprising:~~

~~sending a joint payment request to a server, the joint payment request carrying an identifier of a joint payment initiator and an identifier corresponding to a current joint object;~~

~~receiving graphic codes respectively corresponding to the joint payment initiator and the current joint object, wherein generating the graphic codes respectively corresponding to the joint payment initiator and the current joint object comprises: the server determining, according to the identifier of the joint payment initiator and the identifier corresponding to the current joint object carried in the joint payment request, whether a binding relationship has been established between the joint payment initiator and the current joint object, and if so, generating the graphic codes respectively corresponding to the joint payment initiator and the current joint object; and~~

~~displaying the graphic codes respectively corresponding to the joint payment initiator and the current joint object to complete joint payment.~~

~~6. A binding based joint payment method, applied to a server, the method comprising:~~

~~receiving a joint payment request sent by a client;~~

~~parsing an identifier of a joint payment initiator and an identifier corresponding to a current joint object carried in the received joint payment request;~~

~~determining, according to the identifier of the joint payment initiator and the identifier corresponding to the current joint object, whether a binding relationship has been established between the joint payment initiator and the current joint object;~~

~~if so, the server generating graphic codes respectively corresponding to the joint payment initiator and the current joint object, and sending to the client the graphic codes respectively corresponding to the joint payment initiator and the current joint object, such that the client receives the graphic codes respectively corresponding to the joint payment initiator and the current joint object, and displays the graphic codes respectively corresponding to the joint payment initiator and the current joint object to complete joint payment~~at least one to-be-included user.

4. The method according to claim 1, further comprising:

sending a binding request to the at least one to-be-included user; and

receiving a confirmation from the at least one to-be-included user to establish the binding relationship between the specified user and the first user.

5. The method according to claim 1, wherein determining that the binding relationship exists between the first user and the one or more to-be-included users is further based on:

determining a degree of closeness between the first user and the one or more to-be-included users;

determining whether the degree of closeness meets a preset requirement;

and

determining members of a family account activated by the first user.

6. A computer system, comprising:

a processer;

a storage device coupled to the~~,~~

~~7. A joint payment system based on a binding relationship, the system comprising a client and a server:~~

~~the client sending a joint payment request to the server, the joint payment request carrying an identifier of a joint payment initiator and an identifier corresponding to a current joint object;~~

~~the server parsing the identifier of the joint payment initiator and the identifier corresponding to the current joint object carried in the received joint payment request;~~

~~the server determining, according to the identifier of the joint payment initiator and the identifier corresponding to the current joint object, whether a binding relationship has been established between the joint payment initiator and the current joint object;~~

~~if the binding relationship has been established, the server generating graphic codes respectively corresponding to the joint payment initiator and the current joint object, and sending to the client the graphic codes respectively corresponding to the joint payment initiator and the current joint object; and~~

~~the client receiving the graphic codes respectively corresponding to the joint payment initiator and the current joint object, and displaying the graphic codes respectively corresponding to the joint payment initiator and the current joint object to complete joint payment.~~

8. The system according to claim 7, wherein the server specifically generates, in the following manner, the graphic codes respectively corresponding to the joint payment initiator and the current joint object:

if the binding relationship has been established, the server randomly generating the graphic codes respectively corresponding to the joint payment initiator and the current joint object.

9. The system according to claim 7, wherein the client specifically displays, in the following manner, the graphic codes respectively corresponding to the joint payment initiator and the current joint object to complete the joint payment:

displaying, according to a preset display rule, the graphic codes respectively corresponding to the joint payment initiator and the current joint object to complete the joint payment.

10. The system according to claim 7, wherein the server is configured to :

if no binding relationship has been established between the joint payment initiator and the current joint object, notify the joint payment initiator that joint payment fails, and guide the joint payment initiator to establish binding with the current joint object.

11. A joint payment apparatus based on a binding relationship, applied to a client, the apparatus comprising:

a request sending module configured to send a joint payment request to a server, the joint payment request carrying an identifier of a joint payment initiator and an identifier corresponding to a current joint object;

a graphic code receiving module configured to receive graphic codes

respectively corresponding to the joint payment initiator and the current joint object, wherein generating the graphic codes respectively corresponding to the joint payment initiator and the current joint object comprises: the server determining, according to the identifier of the joint payment initiator and the identifier corresponding to the current joint object carried in the joint payment request, whether a binding relationship has been established between the joint payment initiator and the current joint object, and if so, generating the graphic codes respectively corresponding to the joint payment initiator and the current joint object; and

a graphic code displaying module configured to display the graphic codes respectively corresponding to the joint payment initiator and the current joint object to complete joint payment.

12. A binding based joint payment apparatus, applied to a server, the apparatus comprising:

a request receiving module configured to receive a joint payment request sent by a client;

an identifier parsing module configured to parse an identifier of a joint payment initiator and an identifier corresponding to a current joint object carried in the received joint payment request;

a determining module configured to determine, according to the identifier of the joint payment initiator and the identifier corresponding to the current joint object, whether a binding relationship has been established between the joint payment initiator and the current joint object; and

a graphic code generating module configured to, if the binding relationship has been established, generate graphic codes respectively corresponding to the joint payment initiator and the current joint object, and send to the client the graphic codes respectively corresponding to the joint payment

~~initiator and the current joint object, such that the client receives the graphic codes respectively corresponding to the joint payment initiator and the current joint object, and displays the graphic codes respectively corresponding to the joint payment initiator and the current joint object to complete joint payment.~~

~~13. A computer device, comprising a memory, a~~ processor~~, and a computer program stored in the memory and executable~~ and storing instructions, which when executed by the processor~~,~~ cause the processor to perform a method, the method comprising:

receiving a joint-payment request from a terminal device associated with a first user, wherein the joint-payment request corresponds to a payment for a service or a product for two or more users, and wherein the ~~processor executes the program to implement the method according to claim 5.~~

~~14. A computer device, comprising a memory,~~joint-payment request includes a first identifier of the first user sending the joint-payment request;

determining, based on a ~~processor,~~status of information exchange between the first user and one or more to-be-included users, that a ~~computer program stored in the memory~~binding relationship exists between the first user and ~~executable by the processor~~the one or more to-be-included users, wherein the ~~processor executes the program~~determining is further based on a frequency and a count of the information exchange satisfying a pre-defined threshold;

recommending, to the first user, the one or more to-be-included users for providing the service or the product;

receiving, from the first user, selection of at least one to-be-included user for the binding relationship; and

in response to determining, based on the first identifier of the first user and a second identifier of the at least one to-be-included user that a binding relationship has been established,

randomly generating a first graphic code based on the first identifier and a second graphic code based on the second identifier; and

transmitting the first graphic code and the second graphic code to the terminal device,

wherein the first user completes the joint payment by displaying the randomly generated first and second graphic codes to a code scanner.

7. ~~implement the method~~ The computer system according to claim 6, wherein the terminal device is configured to display the randomly generated first and second graphic codes based on a predetermined display rule.

8. ~~.~~The computer system according to claim 6, wherein the method further comprises:

in response to determining that the binding relationship has not been established, notifying the first user that the joint payment fails; and

guiding the first user to establish a binding relationship with the at least one to-be-included user.

9. The computer system according to claim 6, wherein the method further comprises:

sending a binding request to the at least one to-be-included user; and

receiving a confirmation from the at least one to-be included user to establish the binding relationship between the specified user and the first user.

10. The computer system according to claim 6, wherein determining that the binding relationship exists between the first user and the one or more to-be-included users is further based on:

determining a degree of closeness between the first user and the one or more to-be-included users;

determining whether the degree of closeness meets a preset requirement; and

determining members of a family account activated by the first user.