CLAIMS

What is claimed is

1. A method for sending an aggregation-code-based payment page, comprising:

obtaining, by a first server, code information obtained by scanning a target aggregation code by a terminal device;

obtaining a historical payment page that corresponds to the target aggregation code and that is provided by a second server;

crawling a page element in the historical payment page from the historical payment page;

determining a standard page element comprised in a standard payment page from the page element;

obtaining page information of the standard payment page based on the standard page element;

obtaining the standard payment page in a predetermined format corresponding to the code information, wherein page information comprised in the standard payment page is obtained by the first server from page information of the historical payment page provided by a second server for the target aggregation code, wherein the obtaining the standard payment page comprises:

obtaining a predetermined standard payment page template corresponding to the code information, wherein the predetermined standard payment page template comprises display position information of the standard page element; and

adding the standardized page element to a corresponding position in the predetermined standard payment page template based on the display position information, to obtain the standard payment page; and

sending the standard payment page to the terminal device.

2. The method according to claim 1, wherein the historical payment page is a payment page last generated by the second server for the target aggregation code.

3. The method according to claim 1, wherein the method further comprises:

obtaining a plurality of historical payment pages generated by the second server in a predetermined time period, wherein the predetermined time period is a time period of predetermined duration before the first server obtains the code information obtained by scanning the target aggregation code by the terminal device; and

determining whether display content of each of the plurality of historical payment pages is consistent, to obtain a first determining result; and

the obtaining the historical payment page that corresponds to the target aggregation code and that is provided by the second server specifically comprises:

obtaining at least one of the plurality of historical payment pages if the first determining result indicates that the display content of each of the plurality of historical payment pages is consistent.

4. The method according to claim 1, before the sending the standard payment page to the terminal device, further comprising:

determining, by the first server based on the code information, a first access address that is comprised in the code information and that is used to access the second server; and

obtaining, based on the first access address, an original payment page address provided by the second server for a current payment process, wherein the current original payment page address is generated by the second server based on access of the first server to the first access address; and

after the sending the standard payment page to the terminal device, further comprising:

obtaining payment information input by a user on the standard payment page; and

sending the payment information to the second server based on the original payment page address.

5. The method according to claim 4, before the sending the payment information to the second server, further comprising:

obtaining a historical payment page address corresponding to the historical payment page;

determining, based on the historical payment page address, a first interface address used to receive historical payment information;

determining, based on the original payment page address, a second interface address used to receive the payment information; and

determining whether the first interface address is consistent with the second interface address, to obtain a second determining result; and

the sending the payment information to the second server specifically comprises:

sending the payment information to the second server based on the first interface address or the second interface address if the second determining result indicates that the first interface address is consistent with the second interface address.

6. The method according to claim 4, after the sending the payment information to the second server, further comprising:

receiving an order creation request sent by the second server based on the payment information, wherein the order creation request comprises first payee identification information of a current payee, payer identification information, and the payment information;

creating a transaction order for the target aggregation code based on the order creation request; and

completing aggregation payment for the target aggregation code based on the transaction order.

7. The method according to claim 6, before the completing aggregation payment for the target aggregation code based on the transaction order, further comprising:

querying a historical transaction order corresponding to the historical payment page;

obtaining second payee identification information of a historical payee corresponding to the historical transaction order;

determining whether the first payee identification information of the current payee is consistent with the second payee identification information of the historical payee, to obtain a third determining result; and

sending prompt information used to prompt the user to rescan the target aggregation code to the terminal device if the third determining result indicates that the first payee identification information is inconsistent with the second payee identification information.

8. The method according to claim 7, wherein the completing aggregation payment for the target aggregation code based on the transaction order specifically comprises:

sending a password input page to the terminal device if the third determining result indicates that the first payee identification information is consistent with the second payee identification information;

obtaining a payment password input by the user on the password input page; and

completing the aggregation payment based on the payment password.

9. The method according to claim 1, before the obtaining a standard payment page in a predetermined format corresponding to the code information, further comprising:

determining whether the code information exists in a predetermined database; and

executing a procedure of requesting the second server to provide a payment page corresponding to the target aggregation code if the code information does not exist in the predetermined database; and

the obtaining a standard payment page in a predetermined format corresponding to the code information specifically comprises:

obtaining, from the predetermined database, the standard payment page in the predetermined format corresponding to the code information if the code information exists in the predetermined database.

10. The method according to claim 9, wherein the executing a procedure of requesting the second server to provide a payment page corresponding to the target aggregation code specifically comprises:

obtaining a predetermined access address comprised in the code information, wherein the predetermined access address is an access address pre-specified by the second server;

sending a payment request for the target aggregation code to the second server based on the

predetermined access address;

obtaining an aggregation payment page fed back by the second server based on the payment request; and

sending the aggregation payment page to the terminal device.

11. An apparatus for sending an aggregation-code-based payment page, comprising:

an information acquisition module, configured to obtain code information obtained by scanning a target aggregation code by a terminal device;

an information crawling module, configured to:

obtain a historical payment page that corresponds to the target aggregation code and that is provided by the second server;

crawl a page element in the historical payment page from the historical payment page;

determine a standard page element comprised in a standard payment page from the page element; and

obtain the page information of the standard payment page based on the standard page element;

a page acquisition module, configured to obtain the standard payment page in a predetermined format corresponding to the code information, wherein page information comprised in the standard payment page is obtained by a first server from page information of the historical payment page provided by a second server for the target aggregation code, wherein the obtaining the standard payment page comprises:

obtaining a predetermined standard payment page template corresponding to the code information, wherein the predetermined standard payment page template comprises display position information of the standard page element; and

adding the standardized page element to a corresponding position in the predetermined standard payment page template based on the display position information, to obtain the standard payment page; and

a sending module, configured to send the standard payment page to the terminal device.

12. A device for sending an aggregation-code-based payment page, comprising:

at least one processor; and

a memory communicatively connected to the at least one processor, wherein

the memory stores instructions that can be executed by the at least one processor, and the instructions are executed by the at least one processor to enable the at least one processor to:

obtain code information obtained by scanning a target aggregation code by a terminal device;

obtain a historical payment page that corresponds to the target aggregation code and that is provided by a second server;

crawl a page element in the historical payment page from the historical payment page;

determine a standard page element comprised in a standard payment page from the page element;

obtain page information of the standard payment page based on the standard page element;

obtain the standard payment page in a predetermined format corresponding to the code information, wherein page information comprised in the standard payment page is obtained by a first server from page information of the historical payment page provided by a second server for the target aggregation code, wherein the obtaining the standard payment page comprises:

obtaining a predetermined standard payment page template corresponding to the code information, wherein the predetermined standard payment page template comprises display position information of the standard page element; and

adding the standardized page element to a corresponding position in the predetermined standard payment page template based on the display position information, to obtain the standard payment page; and

send the standard payment page to the terminal device.

13. A computer-readable medium, wherein computer-readable instructions are stored on the computer-readable medium, and the computer-readable instruction can be executed by a processor to implement the method for sending an aggregation-code-based payment page according to any one of claims 1 to 10.