CLAIMS

What is claimed is:

1. An information processing method, comprising:

reading, by a user device through a near field communication (NFC) interface, ~~obtaining entity information on~~ an electronic tag to obtain product information stored in the electronic tag~~through NFC communication~~;

~~saving~~ storing, by the user device, the ~~entity~~ product information in the user device;

generating, by the user device, an order based on the stored product information;

receiving, by the user device, a settlement file after the order is paid, wherein the settlement file comprises a user identification (ID) and a user credit score corresponding to the user ID;

transmitting, by the user device, the settlement file to a server for verification based on the user credit score;

receiving, by the user device, a verification response from the server that comprises an updated user credit score; and

~~initiating a payment based on the entity information~~storing, by the user device, the updated user credit score.

~~2. The method according to claim 1, wherein the entity information comprises product information.~~

~~3~~2. The method according to claim ~~2~~1, wherein the product information comprises a product ID and a product price.

~~4~~3. The method according to claim ~~2~~1, wherein the ~~entity~~ product information comprises a store ID of a store and a product ID of a product, and the method further comprises:~~.~~

~~5. The method according to claim 4, further comprising:~~ sending a query ~~message~~ to ~~a~~ the server, wherein the query ~~message~~ comprises ~~a~~ the product ID, the store ID and a quantity of ~~needed~~ the product~~s.~~; and

receiving a response from the server, wherein the response indicates whether the store has the quantity of the product in stock.

4. The method according to any one of claims 1 to 3, wherein the transmitting the settlement file to the server for verification comprises:

transmitting the settlement file through the NFC interface to an NFC transceiver for the NFC transceiver to transmit the settlement file to the server.

5. The method according to any one of claims 1 to 3, wherein the transmitting the settlement file to the server for verification comprises:

generating a QR code comprising information of the settlement file.

6. The method according to claim 1, wherein the electronic tag further stores a tag ID corresponding to a location of the electronic tag in a store, and the method further comprises:

sending, by the user device, a recommendation request comprising the user ID and the tag ID to the server; and

receiving, by the user device, information of one or more recommended products that are within a distance from the location of the electronic tag in the store.

~~6. The method according to claim 1, further comprising: receiving a prompt signal together with the entity information.~~

~~7. The method according to claim 6, wherein the prompt signal is an audio signal or a vibration signal.~~

~~8. A device for information processing, comprising:~~

~~an NFC module, configured to obtain entity information on an electronic tag through NFC communication;~~

~~a storage module, configured to save the entity information; and~~

~~an application module, configured to initiate a payment based on the entity information.~~

~~9. The device according to claim 8, wherein the entity information comprises product information.~~

~~10. The device according to claim 9, wherein the product information comprises a product ID and a product price.~~

~~11. The device according to claim 9, wherein the entity information comprises a store ID.~~

~~12. The device according to claim 11, further comprising: a transceiver, configured to send a query message to a server, wherein the message comprises a product ID, the store ID and a quantity of needed products.~~

~~13. The device according to claim 8, wherein the device further comprises: a transceiver, configured to receive a prompt signal together with the entity information.~~

~~14. The device according to claim 13, wherein the prompt signal is an audio signal or a vibration signal.~~

7. One or more non-transitory computer-readable storage media of a user device, storing instructions executable by one or more processors, wherein execution of the instructions causes the one or more processors to perform operations comprising:

reading, through a near field communication (NFC) interface, an electronic tag to obtain product information stored in the electronic tag;

storing the product information;

generating an order based on the stored product information;

receiving a settlement file after the order is paid, wherein the settlement file comprises a user identification (ID) and a user credit score corresponding to the user ID;

transmitting the settlement file to a server for verification based on the user credit score;

receiving a verification response from the server that comprises an updated user credit score; and

storing the updated user credit score.

8. The non-transitory computer-readable storage media of claim 7, wherein the product information comprises a product ID and a product price.

9. The non-transitory computer-readable storage media of claim 7, wherein the product information comprises a store ID of a store and a product ID of a product, and the operations further comprise:

sending a query to the server, wherein the query comprises the store ID, the product ID, and a quantity of the product; and

receiving a response from the server, wherein the response indicates whether the store has the quantity of the product in stock.

10. The non-transitory computer-readable storage media of any one of claims 7 to 9, wherein the transmitting the settlement file to the server for verification comprises:

transmitting the settlement file through the NFC interface to an NFC transceiver for the NFC transceiver to transmit the settlement file to the server.

11. The non-transitory computer-readable storage media of any one of claims 7 to 9, wherein the transmitting the settlement file to the server for verification comprises:

generating a QR code comprising information of the settlement file.

12. The non-transitory computer-readable storage media of claim 7, wherein the electronic tag further stores a tag ID corresponding to a location of the electronic tag in a store, and the operations further comprise:

sending a recommendation request comprising the user ID and the tag ID to the server; and

receiving information of one or more recommended products that are within a distance from the location of the electronic tag in the store.

~~15~~13. A device for information processing, comprising:

a processor; and

a memory, configured to store computer-executable instructions that, when executed, cause the processor to perform the following operations:

~~obtaining entity information on an electronic tag through NFC communication;~~

~~saving the entity information; and~~

~~initiating a payment based on the entity information.~~

reading, through a near field communication (NFC) interface, an electronic tag to obtain product information stored in the electronic tag;

storing the product information;

generating an order based on the stored product information;

receiving a settlement file after the order is paid, wherein the settlement file comprises a user identification (ID) and a user credit score corresponding to the user ID;

transmitting the settlement file to a server for verification based on the user credit score;

receiving a verification response from the server that comprises an updated user credit score; and

storing the updated user credit score.

14. The device of claim 13, wherein the product information comprises a product ID and a product price.

15. The device of claim 13, wherein the product information comprises a store ID of a store and a product ID of a product, and the operations further comprise:

sending a query to the server, wherein the query comprises the store ID, the product ID, and a quantity of the product; and

receiving a response from the server, wherein the response indicates whether the store has the quantity of the product in stock.

16. The device of any one of claims 13 to 15, wherein the transmitting the settlement file to the server for verification comprises:

transmitting the settlement file through the NFC interface to an NFC transceiver for the NFC transceiver to transmit the settlement file to the server.

17. The device of any one of claims 13 to 15, wherein the transmitting the settlement file to the server for verification comprises:

generating a QR code comprising information of the settlement file.

18. The device of claim 13, wherein the electronic tag further stores a tag ID corresponding to a location of the electronic tag in a store, and the operations further comprise:

sending a recommendation request comprising the user ID and the tag ID to the server; and

receiving information of one or more recommended products that are within a distance from the location of the electronic tag in the store. ~~16. The device according to claim 15, wherein the entity information comprises product information.~~

~~17. The device according to claim 16, wherein the product information comprises a product~~

~~ID and a product price.~~

~~18. The device according to claim 16, wherein the entity information comprises a store ID.~~

~~19. The device according to claim 18, wherein the executable instruction further causes the processor to send a query message to a server, where the message comprises a product ID, the store ID, and a quantity of needed products.~~

~~20. The device according to claim 15, wherein the executable instruction further causes the processor to receive a prompt signal together with the entity information.~~

~~21. The device according to claim 20, wherein the prompt signal is an audio signal or a vibration signal.~~