CLAIMS

What is claimed is:

1. An information processing method, comprising:

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

storing, by the user device, the 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

storing, by the user device, the updated user credit score,

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.

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

3. The method according to claim 1, wherein the product information comprises a store ID of a store and a product ID of a product, and the method further comprises:sending a query to the server, wherein the query comprises the product ID, the store 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.

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. 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,

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.

7. The non-transitory computer-readable storage media of claim 6, wherein the product information comprises a product ID and a product price.

8. The non-transitory computer-readable storage media of claim 6, 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.

9. The non-transitory computer-readable storage media of any one of claims 6 to 8, 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.

10. The non-transitory computer-readable storage media of any one of claims 6 to 8,

wherein the transmitting the settlement file to the server for verification comprises:

generating a QR code comprising information of the settlement file.

11. 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:

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,

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.

12. The device of claim 11, wherein the product information comprises a product ID and a product price.

13. The device of claim 11, 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.

14. The device of any one of claims 11 to 13, 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.

15. The device of any one of claims 11 to 13, wherein the transmitting the settlement file to

the server for verification comprises:

generating a QR code comprising information of the settlement file.