Claims

1. A method of issuing an electronic receipt, the method comprising:

transmitting, by a point of sale (POS) terminal, transaction information related to a transaction to an electronic receipt generator;

by the electronic receipt generator, receiving the transaction information, generating a unique transaction identifier in response to the transaction information, and generating an address including the generated unique transaction identifier to transmit the transaction information and information regarding the address corresponding thereto to a server;

by the server, receiving the transaction information and the information regarding the address and storing the transaction information in response to the information regarding the address;

generating and emitting, by the electronic receipt generator, a near-field wireless communication signal corresponding to a near-field communication (NFC) data exchange format (NDEF) message comprising the generated address as a payload;

receiving, by a user device, the address through the emitted near-field wireless communication signal; and

displaying, by the user device, an electronic receipt generated based on the transaction information by accessing the received address through a web browser, without requiring the execution of an application for displaying the electronic receipt other than the web browser and without user login,

wherein the electronic receipt generator comprises:

a network interface configured to provide an interface needed to transmit the transaction information and the information regarding the address corresponding thereto to the server in conjunction with a communication network;

a communication interface configured to provide an interface needed to receive the transaction information from the POS terminal;

a memory for storing the received transaction information;

an address generator configured to generate the unique transaction identifier in response to the received transaction information and generate an address including the generated unique transaction identifier; and

an NFC tag controller configured to generate and emit a near-field wireless communication signal corresponding to the NDEF message comprising the generated address as a payload, and

the server comprises:

a communication unit configured to provide an interface needed to provide signals transmitted and received between the user device and the electronic receipt generator in a form of data;

a database for storing the transaction information and the information regarding the address received from the electronic receipt generator;

a controller configured to control to store the transaction information in the database in response to the received information regarding the address; and

an electronic receipt application programming interface configured to provide an interface for converting the transaction information into an electronic receipt format and provide an interface for displaying the generated electronic receipt when the address is accessed through the web browser,

the transaction information is generated after a transaction is completed or before the transaction is completed, and

when the transaction information is generated before the transaction is completed,

the method further comprises, after the receiving, by the user device, of the address through the emitted near-field wireless communication signal,

by the user device, receiving transaction information generated after the transaction is completed, updating the transaction information generated after the transaction is completed in response to the address to the server, and displaying a final electronic receipt generated in response to the transaction information generated after the transaction is completed.

2. The method of claim 1, wherein the electronic receipt generator and the POS terminal are integrated with each other.

3. The method of claim 1 or 2, wherein the displaying, by the user device, of the electronic receipt is performed without requiring the provisioning of personal information, the personal information including an email or a phone number.

4. The method of claim 1, 2 or 3, wherein the unique transaction identifier is generated by using a hash technique or using a date and a time of creation of the transaction information.

5. The method of any one of claims 1 to 4, wherein the address is accessible only by the user device that receives the emitted near-field wireless communication signal by tapping the electronic receipt generator.