【CLAIMS】

【Claim 1】

An internet of things, IoT, server comprising:

a communication module;

at least one processor coupled to the communication module; and

a memory coupled to the at least one processor and storing a program interacting with an electronic device associated with a user account registered to the IoT server, the user account is related to an IoT service,

wherein the memory stores instructions that, when executed, cause the at least one processor to:

receive, via the communication module, user information associated with a user who purchased an external electronic device;

identify the user account registered to the IoT server, based on the received user information;

receive, via the communication module, delivery information of the external electronic device, wherein the delivery information indicates delivery completion;

based on the user account and the reception of the delivery information, provide a notification message to the electronic device associated with the user account, so that the electronic device associated with the user account displays a user interface which includes information of the external electronic device and initiate a procedure of registering the external electronic device to the IoT server; and

register the external electronic device to the IoT server with the user account, based on reception of a request for registration of the external electronic device via the user interface.

【Claim 2】

The IoT server of claim 1, wherein the instructions cause the at least one processor to

receive, via the communication module, purchase information associated with the external electronic device which the user has purchased.

【Claim 3】

The IoT server of claim 2, wherein the purchase information includes at least one of a device type, model identification information, and device identification information of the external electronic device.

【Claim 4】

The IoT server of claim 2, wherein the instructions cause the at least one processor to obtain device information for displaying the information of the external electronic device from the purchase information or the delivery information.

【Claim 5】

The IoT server of claim 2, wherein the purchase information includes at least one of a device type, model identification information, and delivery guide information of the external electronic device.

【Claim 6】

The IoT server of claim 1, wherein the delivery information includes at least one of model identification information, device identification information, delivery completion indication information, and setup guide information of the external electronic device.

【Claim 7】

The IoT server of claim 2, wherein the instructions cause the at least one processor to transmit the purchase information or delivery information of the external electronic device to the electronic device associated with the user account.

【Claim 8】

The IoT server of claim 1, wherein the user interface includes a virtual card-type user

interface indicating device information of the external electronic device.

【Claim 9】

The IoT server of claim 2, wherein the instructions cause the at least one processor to provide information for guiding registration for an unregistered device, upon identifying the unregistered device is not registered to the IoT server, based on the purchase information or the delivery information.

【Claim 10】

A method of registering an external electronic device to an Internet of Things (IoT) server, the method comprising:

receiving, by the IoT server, user information associated with a user who purchased the external electronic device;

identifying, by the IoT server, a user account registered to the IoT server based on the received user information, wherein the user account is related to an IoT service;

receiving, by the IoT server, delivery information of the external electronic device, wherein the delivery information indicates delivery completion;

based on the user account and the reception of the delivery information, providing, by the IoT service, a notification message to an electronic device associated with the identified user account;

based on the notification message, displaying, by the electronic device, a user interface which includes information of the external electronic device and initiating a procedure registering the external electronic device to the IoT server with the user account; and

in response to a user input for the notification message, requesting, by the electronic device, registration of the external device to the IoT server.

【Claim 11】

The method of claim 10, wherein the receiving the user information comprises:

receiving purchase information associated with the external electronic device which the user has purchased.

【Claim 12】

The method of claim 11, wherein the purchase information includes at least one of a device type, model identification information, and device identification information of the external electronic device.

【Claim 13】

The method of claim 10, wherein the user interface is provided in the form of at least one of a pop-up message window, a web page, and an application execution screen.

【Claim 14】

The method of claim 11, wherein the notification message related to purchase information or delivery information of the external electronic device is received from the IoT server or an external server to the electronic device.

【Claim 15】

The method of claim 10, wherein the user interface includes a virtual card-type user interface indicating device information of the external electronic device.

【Claim 16】

The method of claim 11, wherein the purchase information includes at least one of a device type, model identification information, and device identification information of the external electronic device.

【Claim 17】

The method of claim 11, wherein the purchase information includes at least one of a device type, model identification information, and delivery guide information of the external electronic device.

【Claim 18】

The method of claim 10, wherein the delivery information includes at least one of model identification information, device identification information, delivery completion indication information, and setup guide information of the external electronic device.

【Claim 19】

The method of claim 10, further comprising initiating a procedure of registering the external electronic device to the IoT server with the user account, in response to the user input for the user interface.

【Claim 20】

The method of claim 10, further comprising:

searching for an unregistered device; and

upon identifying the unregistered device as a result of the searching, outputting a message for guiding installation for the identified unregistered device.