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activation signal to the user equipment and a second home appliance that includes a UWB antenna; receive, from the second home appliance via the communication interface, a location measurement value of the user equipment measured with respect to the second home appliance, the location measurement value being based on a UWB signal between the user equipment and the second home appliance; determine location information about the user equipment, based on the location measurement value of the user equipment; receive, from a first home appliance that does not include a UWB antenna, information about the first home appliance; and register the first home appliance in the server device, based on the received information about the first home appliance and the location information about the user equipment.

11. The server device of claim 10, wherein the at least one processor is further configured to execute the one or more instructions to identify, based on the received distance measurement request signal, the second home appliance as an appliance including the UWB antenna and being registered in the server device.

12. The server device of claim 10, wherein the distance measurement request signal is transmitted from the user equipment to the server device, based on a selection of a quick response (QR) capturing menu or a near field communication (NFC) tagging menu on a device registration graphical user interface (GUI) displayed on the user equipment to register the first home appliance.

13. The server device of claim 10, wherein the at least one processor is further configured to execute the one or more instructions to receive the location measurement value of the user equipment by receiving location information about the user equipment measured with respect to the second home appliance based on a location identification request signal, and

wherein the location identification request signal is a UWB signal transmitted from the user equipment to the second home appliance based on selecting selection of a QR capturing button of the user equipment or performing NFC tagging with the user equipment.

14. The server device of claim 10, wherein the location measurement value comprises azimuth information about the user equipment, measured with respect to the second home appliance, elevation information about the user equipment, measured with respect to the second home appliance, and distance information between the second home appliance and the user equipment.

15. The server device of claim 10, wherein the at least one processor is further configured to execute the one or more instructions to determine the location information about the user equipment based on a comparison of information in a location information lookup table stored in the server device with the location measurement value of the user equipment.

16. The server device of claim 10, wherein the at least one processor is further configured to execute the one or more

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instructions to receive the information about the first home appliance by receiving, based on access point (AP) information received by the first home appliance from the user equipment, the information about the first home appliance from the first home appliance through a Wireless Fidelity (WiFi) communication channel established between the user equipment and the first home appliance.

17. The server device of claim 16, wherein the information about the first home appliance comprises a product name of the first home appliance, a manufacturing date of the first home appliance, and state information about the first home appliance.

18. The server device of claim 10, wherein the at least one processor is further configured to execute the one or more instructions to:

receive, via the communication interface, a control graphical user interface (GUI) request signal from the user equipment;

control the communication interface to transmit the UWB communication module activation signal to the user equipment and the second home appliance, based on the received control GUI request signal;

receive, from the second home appliance via the communication interface, the location measurement value of the user equipment measured in response to a location identification request signal transmitted from the user equipment;

determine a third home appliance toward which the user equipment is oriented, based on the location measurement value of the user equipment; and

control the communication interface to provide a graphical user interface (GUI) for controlling the determined third home appliance to the user equipment.

19. A non-transitory computer-readable recording medium having recorded thereon a computer program that is executable by a computer to perform the method of claim 1.

20. A method of controlling a user equipment, the method comprising:

receiving a user input to select a quick response (QR) capturing menu or a near field communication (NFC) tagging menu on a device registration graphical user interface (GUI) displayed on the user equipment;

transmitting a distance measurement request signal to a server device, based on the received user input;

transmitting a location identification request signal, to a second home appliance identified by the server device as registered and including a UWB antenna, based on a user of the user equipment selecting a QR capturing button of the user equipment or performing NFC tagging with the user equipment;

receiving a user input to input access point (AP) information in the device registration GUI displayed on the user equipment; and

transmitting the received AP information to a first home appliance identified by a QR capture or an NFC tag.

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