Claims

1. A method for implementing O2O catering operation, wherein the method is performed on a server and comprises:

receiving a recipe uploaded from a merchant terminal;

sending the recipe to at least one client terminal;

receiving at least one order information sent from the at least one client terminal, wherein the order information includes food material information and delivery time information;

decomposing and combining the at least one order information to obtain combined food material information, wherein the combined food material information includes the food material information obtained by combining same types of food materials in the received at least one order information;

sending the at least one order information and the combined food material information to the merchant terminal, so that the merchant is informed at least one order information and the combined food material information from the merchant terminal to pre-process the food materials according to the at least one order information and the combined food material information, distribute the pre-processed food materials into material boxes and the deliver the material boxes to at least one client according to the at least one order information; and

sending an order recipe to a smart cooking device such that the smart cooking device cooks the food materials from the material boxes according to the order recipe, wherein the order recipe includes a recipe corresponding to a respective one of the at least one order information.

2. The method according to claim 1, wherein the step of decomposing and combining the at least one order information to obtain combined food material information comprises:

decomposing all of the at least one order information at a predetermined time to obtain at least one food material information corresponding to the at least one order information respectively, and combining same types of food materials in the at least one food material information corresponding to all of the at least one order information to obtain the combined food material information.

3. The method according to claim 1, wherein the step of sending the at least one order information and the combined food material information to the merchant terminal comprises:

selecting at least one material box according to the at least one order information, and sending the at least one order information, the combined food material information and information of the at least one material box to the merchant terminal, wherein the at least one material box is adapted to the smart cooking device, and the information of the material box includes at least one type of at least one material box corresponding to at least one type of the at least one food material in the order information.

4. The method according to any one of claims 1 to 3, wherein the step of sending the at least one order information and the combined food material information to the merchant terminal comprises:

sending the at least one order information and the combined food material information of at least one order that needs to be delivered during a preset time period to the merchant terminal.

5. A server, comprising:

a recipe receiving unit configured to receive a recipe uploaded from a merchant terminal;

a recipe sending unit configured to send the recipe to at least one client terminal;

an order receiving unit configured to receive at least one order information sent

from the at least one client terminal, wherein the order information includes food material information and delivery time information;

an order processing unit configured to decompose and combine the at least one order information to obtain combined food material information, wherein the combined food material information includes the food material information obtained by combining same types of food materials in the received at least one order information;

an information sending unit configured to send the at least one order information and the combined food material information to the merchant terminal, so that the at least one order information and the combined food material information are known by the merchant from the merchant terminal to pre-process the food materials according to the at least one order information and the combined food material information, distributing the pre-processed food materials into material boxes and the delivering the material boxes to at least one client according to the at least one order information; and

an order recipe sending unit configured to send an order recipe to a smart cooking device such that the smart cooking device cooks the food materials from the material boxes according to the order recipe, wherein the order recipe includes a recipe corresponding to a respective one of the at least one order information.

6. The server according to claim 5, wherein the order processing unit is specifically configured to:

decompose all of the at least one order information at a predetermined time to obtain at least one food material information corresponding to the at least one order information respectively, and combine same types of food materials in the at least one food material information corresponding to all of the at least one order information to obtain the combined food material information.

7. The server according to claim 5, wherein the information sending unit is specifically configured to:

select at least one material box according to the at least one order information, and send the at least one order information, the combined food material information and information of the at least one material box to the merchant terminal, wherein the at least one material box is adapted to the smart cooking device, and the information of the material box includes at least one type of at least one material box corresponding to at least one type of the at least one food material in the order information.

8. The server according to any one of claims 5 to 7, wherein the information sending unit is specifically configured to:

send the at least one order information and the combined food material information of at least one order that needs to be delivered during a preset time period to the merchant terminal.