

Abstract

The application discloses a self-service ordering system and method, wherein the system includes: an ordering terminal, configured to obtain user-selected food items to generate an order request and send the order request to a cloud server; the cloud server, configured to receive the order request, determine whether the order request meets preset order generation conditions, and when the order request meets the preset order generation conditions, generate an order based on the order request and send the order to a printing server, wherein the order generation conditions comprises: a current system state is in an orderable state and the order request has not yet generated a corresponding order; the printing server, configured to generate multiple food item printing tasks according to attributes of each food item in the order, and send each food item printing task to a first printer corresponding to its food item attributes; multiple first printers, configured to print according to the food item printing tasks sent by the printing server. By adopting the system according to the application, the jitter problem caused by slow network is solved, and the printers are uniformly managed, allowing different food items to be printed to different production departments. This not only improves the customer's ordering experience but also enhances production efficiency.

[Figure 1]