

Description of the functional characteristics of the software and information necessary for installing and operating the software

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1. FUNCTIONAL CHARACTERISTICS

"**Neuro Food Vision**" is a software package designed for:

- 1) recognizing food on a tray by analyzing frames from a camera video stream in real time using neural networks;
- 2) editing a list of items by the user in a convenient interface displayed on the screen;
- 3) registering (finalizing) an order and sending it to the cash register system in electronic form for further payment using a bank terminal and a fiscal registrar, and subsequent printing of cash and fiscal receipts using cash register software.

It is also possible to work with various peripheral devices using separate integration modules:

- 1) RFID reader,
- 2) scales,
- 3) LED-lamp,
- 4) barcode scanner,
- 5) 3D Intel RealSense camera.

2. INSTALLATION INSTRUCTIONS

Neuro Food Vision software is not intended for free sale and installation directly by the user. The program is distributed as part of the specialized software and hardware complex Lunch fastPass manufactured by SMART MIL SERVICE LLC or is installed on equipment certified by the software developer. In both cases, the software is installed on the equipment by direct or remote installation by the developer's specialists as part of the equipment commissioning work at the Customer's site.

3. USER MANUAL

To start working, you need to click on the image on the screen (Figure 1).



Figure 1 – Home screen

If any clarifications arise, you must select the appropriate name from the list provided, or use the search across the entire menu (Figure 2).

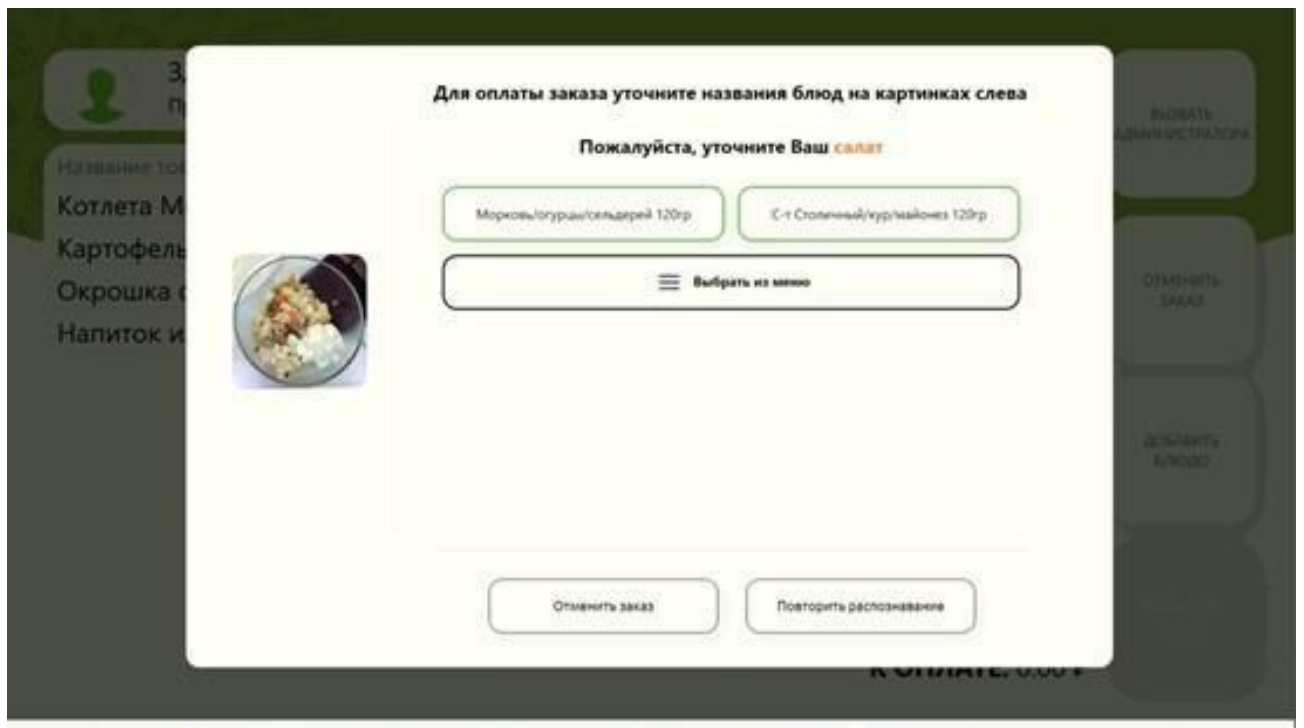


Figure 2 – Clarification of recognized dishes

If any of the dishes is missing from the list of recognized ones, it can be added manually by clicking on the "ADD DISH" button (Figure 3) and selecting from the list (Figure 4). Search by name is also available using the graphic keyboard.

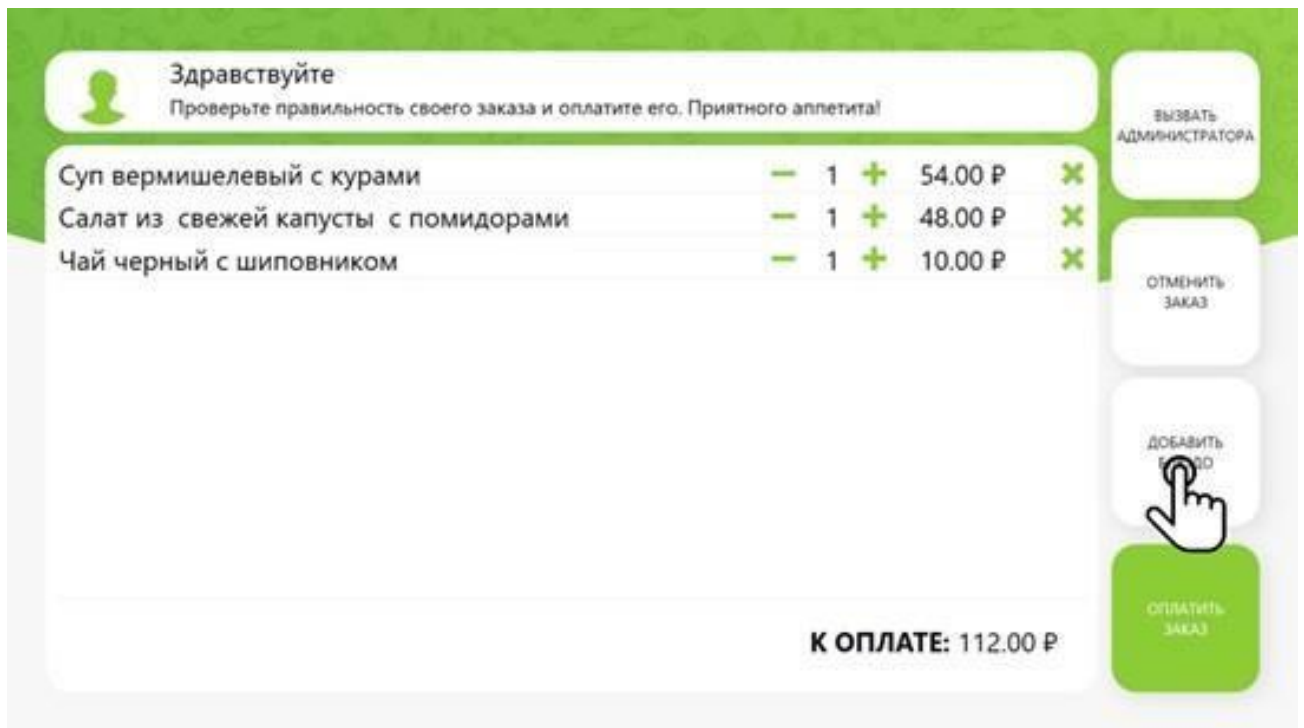


Figure 3 – Adding dishes manually

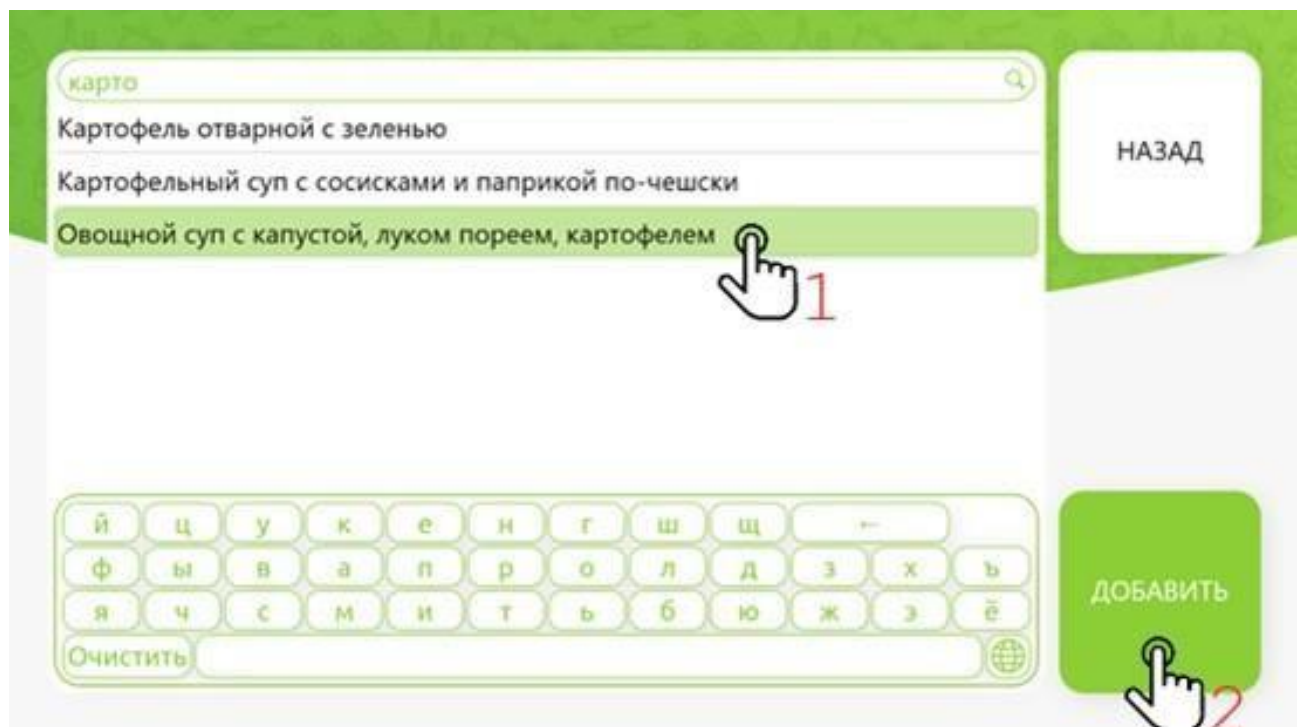


Figure 4 – Interface for manually adding dishes

If one or more dishes on the tray are weighed, you must follow the instructions on the screen. First, place the dish to be weighed on the scale (Figure 5), wait for it to be weighed (Figure 6), and only then move the plate with the dish from the scale back to the tray. As a result, the screen will display both the resulting weight of the dish and the weight of the plate (Figure 7).

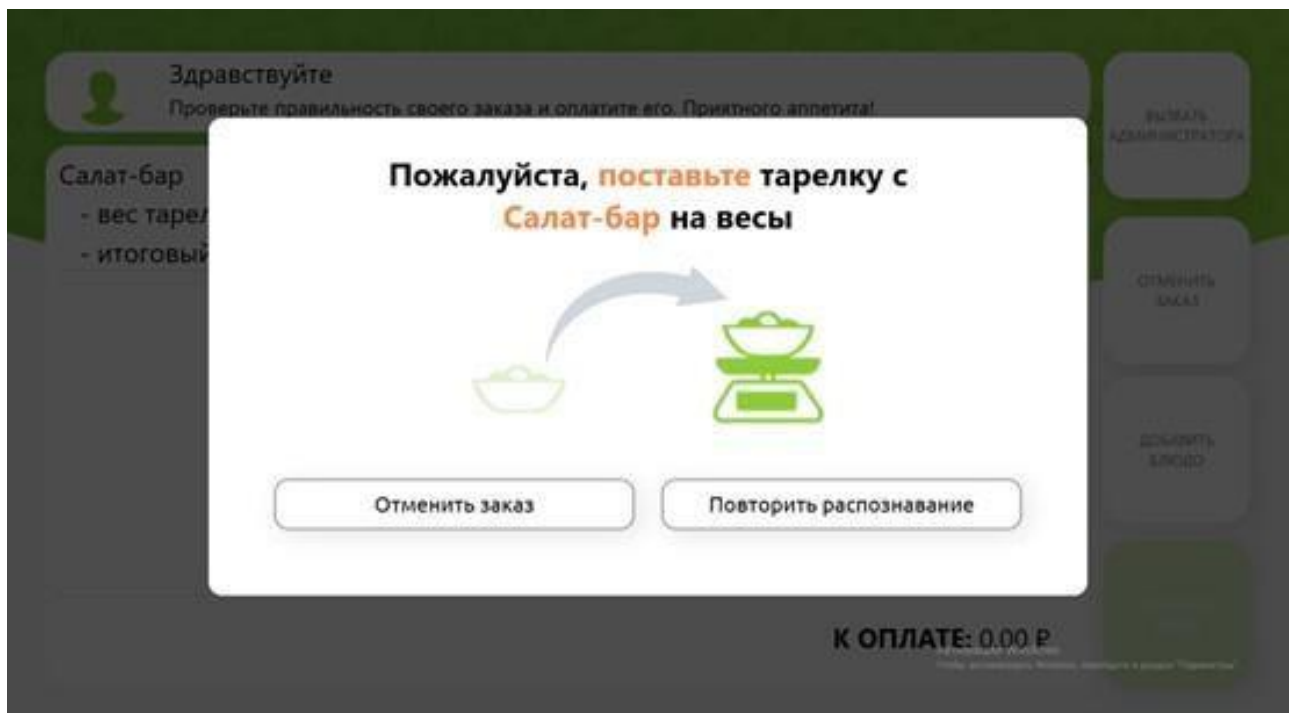


Figure 5 – Request to place a plate with a weighed “Salad Bar” dish on the scales

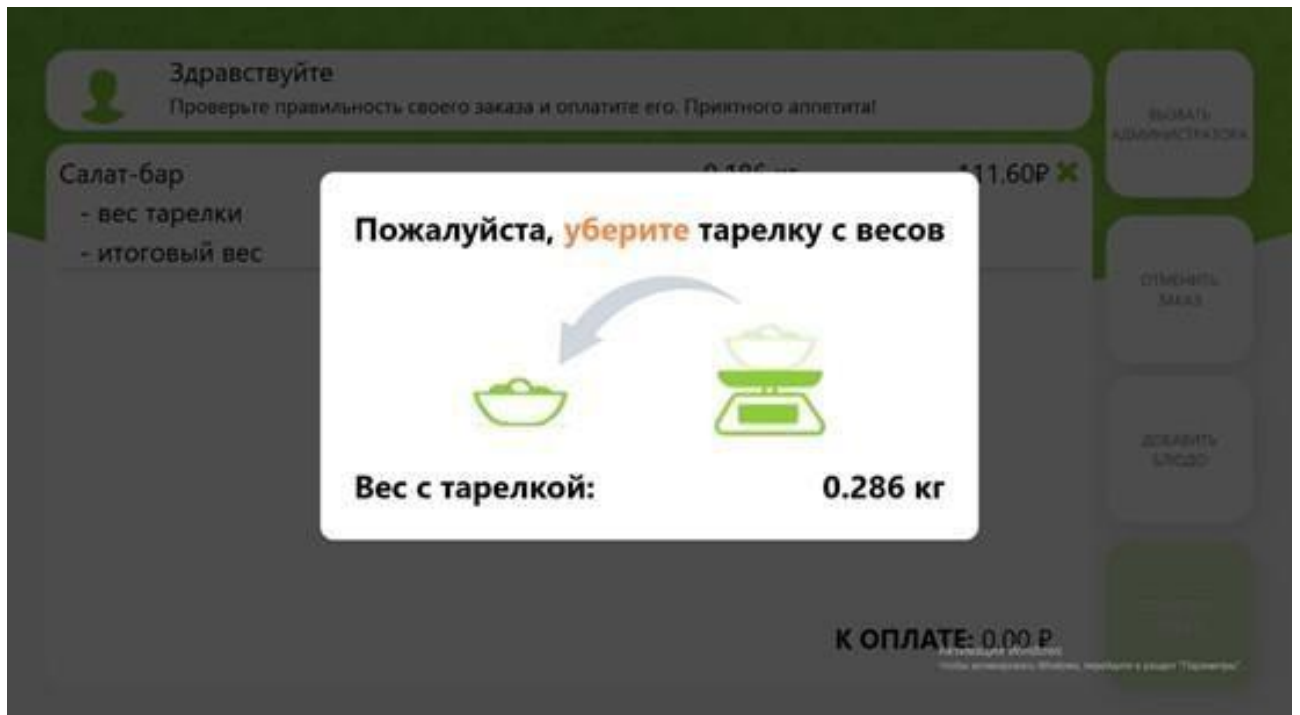


Figure 6 – Request to remove the plate from the scale



Figure 7 – Final weights

If one or more items on the tray are marked with the "Honest Sign", you must scan it following the instructions on the screen (Figure 8). If the scan is successful, the item will remain in the order (Figure 9).



Figure 8 – Request to scan the “Honest Sign” marking for the “Holy Spring Water” position

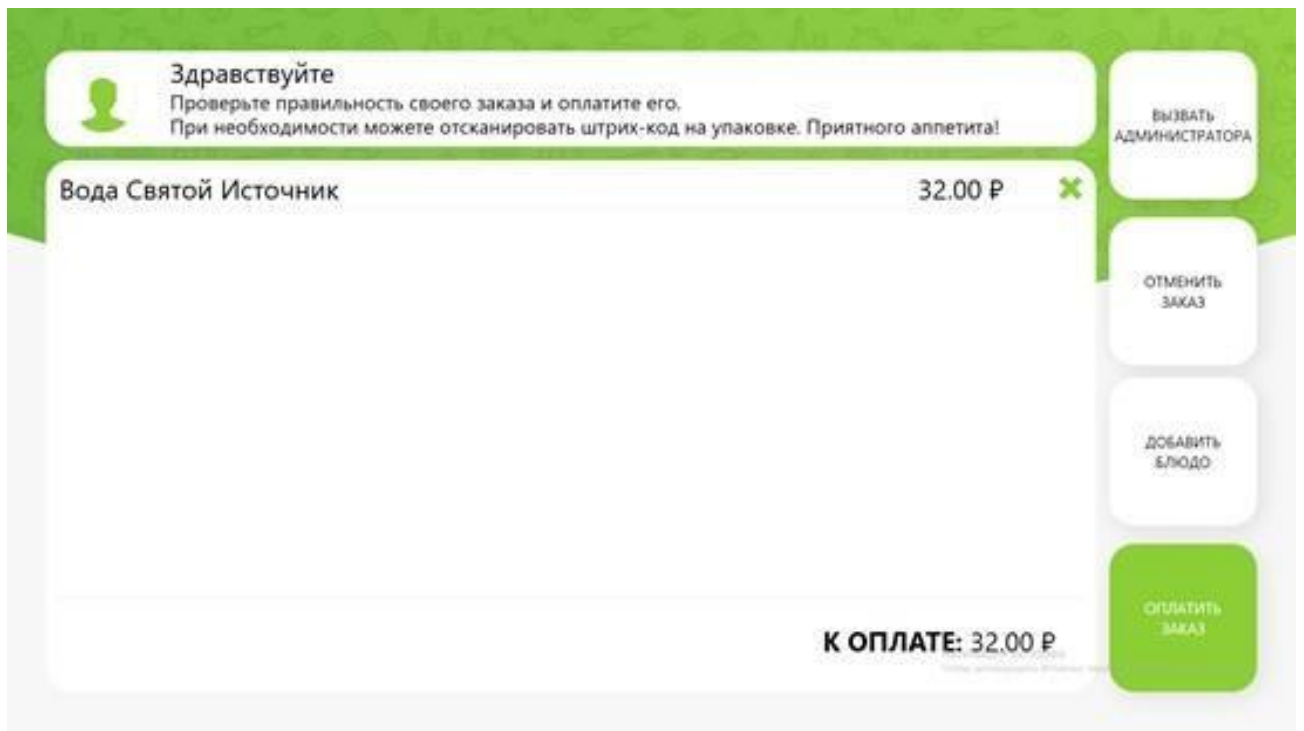


Figure 9 – Result of successful scanning of the “Honest Sign” marking

Once you have finished editing your order, proceed to payment by clicking on the button «PAY FOR ORDER» (Figure 10). Then follow the instructions on the bank terminal. If the order is successfully paid for, a corresponding notification will appear on the screen (Figure 11). Enjoy your meal!

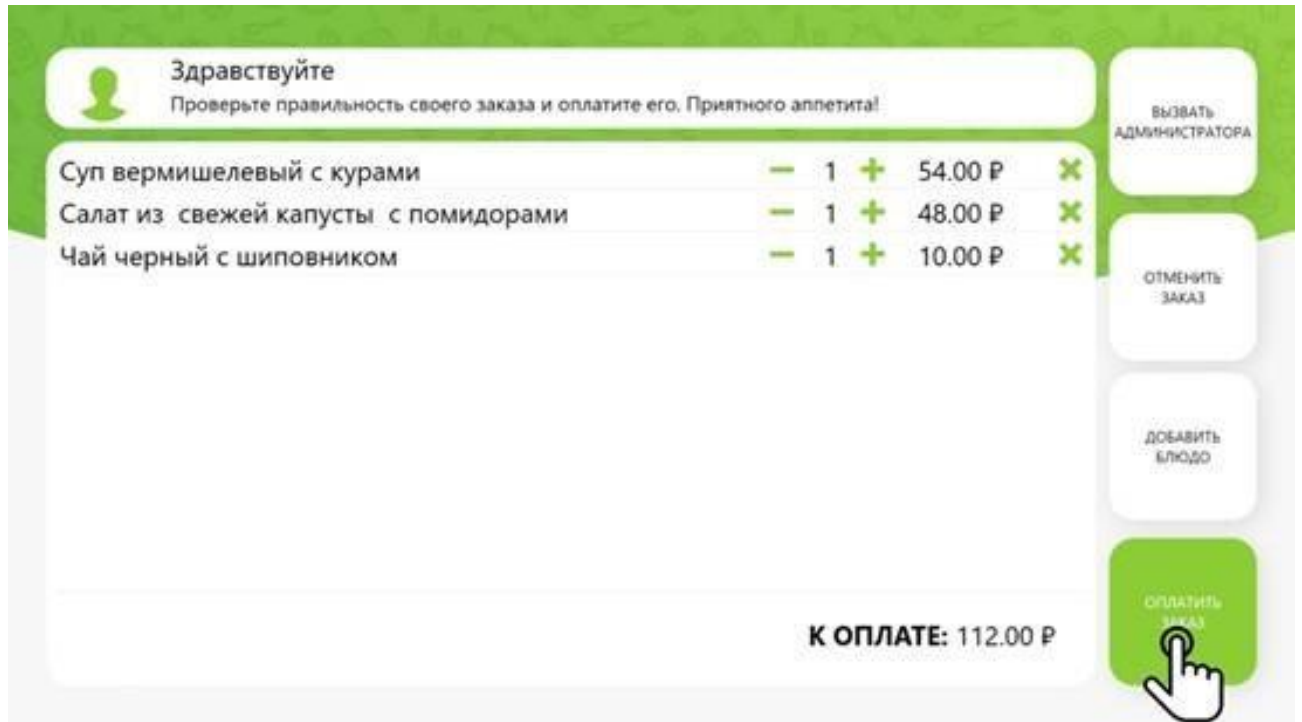


Figure 10 – Payment for the order

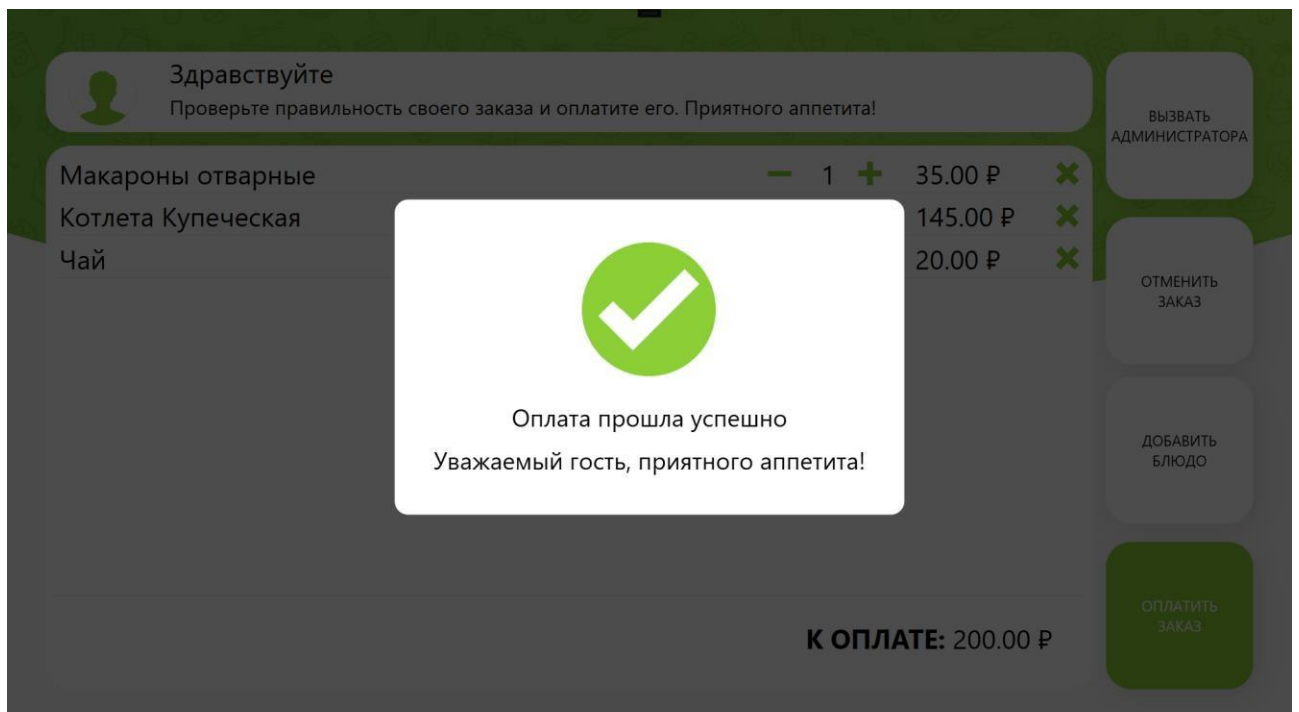


Figure 11 – Successful payment