**Restaurant Automation**

*Logan Connolly, Lizkebe Manjuk, Abel Briggs*

1. **Implementation Report**

The requirements listed below are based off the ones from the Test Design Document

|  |  |  |  |
| --- | --- | --- | --- |
| **Requirement** | **Implementation Plan** | **Progress** | **Comments** |
| IN-FN-02 | A selection of overhead tabs will be on screen allowing the user to easily navigate the menu and pick the items they would like to order | 100% | It is fully implemented |
| IN-FN-03 | The device the system is run on should be equipped with the necessary hard to be able to accept data from cards, NFC devices, and cash | 0% | We do not have the required hardware to read in any data from payment options |
| IN-FN-04 | In the Chef’s display, there will be a button that will allow the chef to mark the order above the button as complete | 100% |  |
| IN-NF-05 | Touch screen device input is taken the same on a mouse and keyboard system as the touch screen system | 100% | Touch screen devices treat the input as if it were a mouse |
| IN-NF-06 | The device running the software will be equipped with the appropriate hardware to read the data from the chip and magnetic strip of a card | 0% | We do not have the hardware or knowledge to implement this |
| IN-NF-07 | The device running the software will be equipped with a NFC chip to be able to read data from NFC capable devices | 0% | We do not have the hardware or knowledge to implement this |
| IN-NF-08 | The device running the software will be equipped with a cash terminal | 0% | We do not have the hardware or knowledge to implement this |
| IN-NF-09 | Redundant data will appear as infrequently as possible to reduce the amount of memory the system will use | 100% |  |
| OUT-FN-10 | On the main menu screen, a selection of food options is available and tabs allow the user to easily access any part of the menu | 100% |  |
| OUT-FN-11 | A UI is visible to the chefs that allow them to scroll through all current orders | 0% | UI will not open when admin password is entered |
| OUT-FN-13 | At the bottom of the order, the total price of the order will be listed | 100% |  |
| OUT-FN-14 | The system will be equipped with a printer for printing receipts when the payment has been confirmed | 0% | We do not have the hardware or knowledge to implement this |
| OUT-FN-16 | When the customer hits “Finish and Pay,” a dialog box will pop up asking if they are sure their order is complete, offering a button to continue | 50% | The Finish and Pay opens the payment options but none of the payment options work so no confirmation |
| OUT-NF-17 | The system will be equipped with a printer | 0% | We do not have the hardware or knowledge to implement this |
| OUT-NF-18 | The system will run off one system and display the UI to separate terminals | 0% | We do not have the hardware or knowledge to implement this |
| PRO-FN-19 | A class will be set up to take the subtotal of the order and calculate the tax based on the given constant | 100% |  |
| PRO-FN-20 | When the total of the order is displayed, the sales tax will be automatically be added to it | 100% |  |
| PRO-FN-21 | When calculating the subtotal, the price of each item will be added to the subtotal to calculate the bill | 100% |  |
| PRO-FN-22 | A count will be kept track of on the software, increasing every time an order is paid for and resets at the end of the day | 75% | We have the count being kept but no way of keeping track of time exists current in our system. |
| PRO-FN-23 | When an item is in a paid for order, the number of times it is ordered is increased in the analytics info | 100% |  |
| PRO-FN-24 | When a admin requests a report, the system shall generate the report of the analytics of each item | 0% | The admin panel currently only opens the chef screen |
| PRO-FN-25 | Each order will be assigned an order number which increases with each order until it hits the upper boundary and resets to 1 | 100% |  |
| PRO-NF-26 | The system will be coded using java | 100% |  |
| PRO-NF-27 | The system will run on any OS that supports JVM | 100% |  |
| PRO-NF-28 | There is a button that will open a panel that an admin can enter a password to access the controls | 100% | Currently the control panel opens the chef screen |
| PRO-NF-29 | The information from cards will not be saved on the system after being used | 100% |  |
| PRO-NF-30 | The system running the software and the terminals will be network equipped to send data over LAN | 0% | We do not have the hardware or knowledge to implement this |

1. **Building Instruction**

In your IDE(Netbeans originally used), press launch and use MainClass for the entry point. The GUI should open soon after.

1. **Bug Report**

Spelling

No cancel order or delete-item buttons

Prices display with varying decimal places

Chef UI will not display

1. **Screen Shot**





