

7-23-Café Food Service Order System Notes to Owner

1. Functionalities that the system provides:

An broad cover of front-end ordering actions, including: ois order-matching, order processing, payment confirmation.

2. Characteristics for ois order-matching:

- a. ois string support with unlimited character(include space) input;
- b. ois vacancy test;
- c. ois-order pair recorded in the memory (which can be further developed to file output with back-end support);
- d. price for each order also minuted under the ois tag;
- e. each order will be stored separately, which could be saved as history data for data analysis.

3. Characteristics for order processing:

- a. a beautified menu display;
- b. only support capital letter + number combination to prevent input error (i.e. A1 not a1);
- c. 0 to enter a null order, convenient for avoiding mistakes;
- d. automatic merging from separate item to set meals.

4. Characteristics for payment confirmation

- a. if order withdrawn, the current order will not be recorded;
- b. can be further developed with real payment methods (e.g. QR code, credit card, etc.);
- c. if the payment is confirmed, the system will sleep for 5 seconds to wait for the next order (customer).

5. Notes for implementing and maintenance

- a. the front-end system does not flush any completed order out of memory. Before implementing, develop a back-end completing order system;
- b. payment confirmation can be further developed;
- c. only capital letter inputs are valid.