

Incremental integration plan

made by group4

We have integrate the release 1 feature into a whole system. We have not implemented two functions in release 1 (manager can see dish trends, manager can see kitchen status). And we have implemented two features in release 2 (manager can see customer complaints, the employees can get account number and password).

And we make the plan to schedule the time about we implement the other features we should implement.

The exit criteria of every phase is to make sure the feature can be tested enough, and it has been integrated into the whole system.

11.7

manager can see dish trend

manager can see customer complaints.

11.8-11.10

menu should have categories of menu items, and pictures for menu items.

manager can upload picture of menu items.

11.11-11.12

customer can filter and search for food item properties.

11.13-11.14

waiter can sequence the order items.

11.14-11.15

waiter can alert the kitchen an order item to be cooked.

11.16-11.19

alert function

customer has an alert button.

waiter can receive customer alert (alert will have time stamp and table ID).

kitchen can see alerts from waiter.

manager can see alert again, if the order item is not resolved in 10 minutes.

11.20-11.21

manager can see customer complaints with time stamp & table ID.

kitchen can see customer complaints.

11.22-11.23

system can generate receipt.

waiter can give customer receipt.

11.24

test the non-functional requirements to make sure all exception are caught, application can show the error but not crash.

All inputs are validated.

