### Customer User Group:

3.1. The system will allow the user to open the menu.

3.1.1. The system has submenus within the menu for each menu category. These categories are appetizers, entrees, sides, desserts, and drinks. Each submenu contains 5 items. Users can open an item page containing a name, price, description, and picture of each item.

3.1.2. The system will have an additional bar submenu which the customer can choose to open. The bar menu contains 5 alcoholic cocktails. Each menu item contains a name, price, description, and picture. These drinks are not available for free refill (1%).

3.1.2.1. The bar menu shows a button which customers must press to have a waiter verify their I.D. as older than 21 before they add alcoholic drinks to their order(1%).

3.14. The system will display the amount of calories contained in each menu item(1%).

3.2. The system will allow the customer to place an order. The system displays order information including table number, time stamp, list of items ordered, and comments from the customer. The customer can see orders they have placed after placing them.

3.3. The system will allow the user to press a refill drink button at any time. The customer will specify which person’s drink and what drink it is that needs a refill to the system.

3.4. The system will allow the customer to press a help button at any time. This will summon a waiter to their table.

3.5. The system will have two games customers may play free of charge.

3.6. The system will have a child mode which only allows children to play games.

3.7. The system will allow the customer to complete a POS transaction. Item prices that make up the order total are listed and the customer may review them before finalizing their payment. Customers are usually expected to pay by entering their credit card information. However, a button is available for the customer to press for a cash payment option. Pressing the button will summon a waiter to their table to complete the cash payment.

3.7.1. The system will allow customers to split payments between customers that share a table as needed.

3.7.2. The system allows the user to choose a tip rate before finalizing their payment. Tip rates that are offered are 10, 15, 20 percent and a fourth option which lets the user customize their tip rate. Amount tipped is listed with the order costs that make up the order total.

3.7.3.The system charges tax on each order at the same rate as Denton County’s restaurant tax. The amount of tax the customer will pay is listed with costs that make up the order total.

3.8. The system will offer the customer a 1/3 chance to win a free dessert after completing a payment.

3.8.1. The customer is asked to pick one of three buttons. One of these three buttons contains the prize and the other two contain nothing.

3.8.2.Winning provides the customer with a dessert voucher code which they can enter as payment after choosing their free dessert in a new order. The dessert voucher code will subtract the cost of one dessert item from that order.

3.9. The system offers free kids meals on sunday after 4:00 pm. For each adult entree, one free kids meal is available.

3.15. The system will allow users to register with user ID and password and login to a rewards account. Once logged in to their account, the user may view or spend their rewards points. The user earns 10 points for each whole dollar of payment. When a user reaches 1,500 points they may choose to spend those points on a code which is a voucher for a free entree. The code may be entered during payment and the price of the most expensive entree item in the order is subtracted (4%).

### Waiter User Group:

3.10. The system allows waiters to receive a series of notifications from customers and kitchen staff. These notifications are displayed in a queue. The first, or oldest notification has a delete button. When a waiter has handled the concern related to the notification, he or she presses the delete button to manage their list of tasks. Tasks must be handled on a first in, first out basis.

3.10.1. The system allows wait staff to see which tables have pressed the help button. When the customer presses the help button, this makes a notification pop up in the waiter’s task list. The notification tells which table needs help and that the help button was pressed.

3.10.2. The system allows wait staff to see which tables pressed a drink refill button by adding a notification to the waiter’s task list. The notification details which table pressed the button along with what customer needs the refill and what drink they need.

3.10.3. The system allows wait staff to see which tables need to pay by cash by adding a notification on which table pressed a pay by cash button to the waiter’s task list.

3.10.4. The system allows the waiter to see when an order is ready to bring from the kitchen to a customer table. The notification details the order number and what table it belongs to.

3.11. The system will allow wait staff to see orders for tables they're assigned to, and status (if they are still ordering, and if order is placed). This is displayed on the order status page which displays a map of tables labeled with their order statuses.

### Kitchen User Group:

3.12. The system will allow orders to be visible to kitchen staff as a queue. The queue operates on a first in, first out basis. The order at the top of the queue must be completed first before working on other orders. The top order displays a delete button that allows the order to be deleted when complete.

3.13. The system will allow kitchen staff to change the status of an order. An order may have one of three statuses: not started yet, in progress, or ready to take to the customer.

3.13. The system will display a timer that tracks the amount of time it takes for an order to be completed by kitchen staff after being placed (3%).

### Management User Group:

3.14. The system will allow the manager to receive a report containing data at the end of a day. The report contains the number of each type of item ordered that day and how much was charged per item, the amount of tax customers paid, the amount of tips received, and the amount of total revenue.

3.15. The system allows the manager to edit the menu. The manager can choose whether to remove or add an item to or from the menu.