

CS2810 – TEAM PROJECT GROUP 26

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7. Sicheng Xie
8. Mohamed Mohamed
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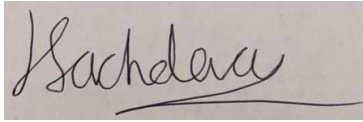


Contents

Statement of Relative Contribution	3
List of User Stories Implemented.....	4
Customer:.....	4
Waiter:	4
Kitchen Staff:.....	4
Admin:.....	4
Diagram of Database Models Implemented.....	5
Description of User Views Implemented	6
Customer:.....	6
Waiter:	6
Kitchen Staff:.....	7
Admin:.....	8
Link to YouTube Video	9

Statement of Relative Contribution

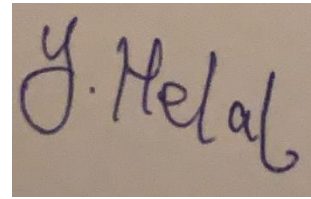
We, the undersigned, agree to the following statement of relative contributions for our group project in the three categories stated in the table below:



[Jaskirat Sachdeva]



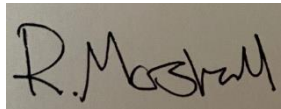
[Aleksis Aleksandrs Vilnitis]



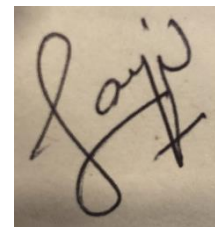
[Youssef Mohamed Helal]



[Abdullah Aamir]



[Robert Marshall]



[Muhammad Saqib]

[DECIDED NOT TO SIGN]

[Sicheng Xie]

[PAUSED STUDIES]

[Mohamed Mohamed]

[ABSENT WHOLE TERM]

[Laap Cheung]

Student Name	Design, planning, and coordination %	Coding and testing %	Other: running experiments, reports, software setup, and so on %
Jaskirat Sachdeva	38	25	30
Aleksis Aleksandrs Vilnitis	38	30	38
Youssef Mohamed Helal	4	13	5
Abdullah Aamir	4	4	6
Robert Marshall	4	10	8
Muhammad Saqib	4	4	6
Sicheng Xie	4	8	5
Mohamed Mohamed	4	6	2
Laap Cheung	0	0	0

- Laap Cheung - ABSENT WHOLE TERM
- Mohamed Mohamed - PAUSED STUDIES BEFORE SPRINT-5 DUE TO PERSONAL REASONS
- Sicheng Xie - DECIDED NOT TO SIGN DUE TO DISAGREEMENT WITH CODING & TESTING PERCENTAGES



List of User Stories Implemented

Customer:

1. Customer - ordering
2. Customer - view menu
3. Customer - intuitive ordering
4. Customer - allergies and calories
5. Customer – order confirmation page
6. Customer – no access to waiter view
7. Customer – order quantity and total price
8. Customer - order tracking
9. Customer - food pictures
10. Customer - calling the waiter
11. Customer - menu filtering
12. Customer - Selecting table number
13. Customer - electronic payment

Waiter:

1. Waiter - change the menu
2. Waiter - order confirmation
3. Waiter - orders times
4. Waiter - mark order as delivered
5. Waiter - cancel order
6. Waiter - notification for delivery
7. Waiter - change status of an order
8. Waiter - the client needs help
9. Waiter - table assignment
10. Waiter - payment information

Kitchen Staff:

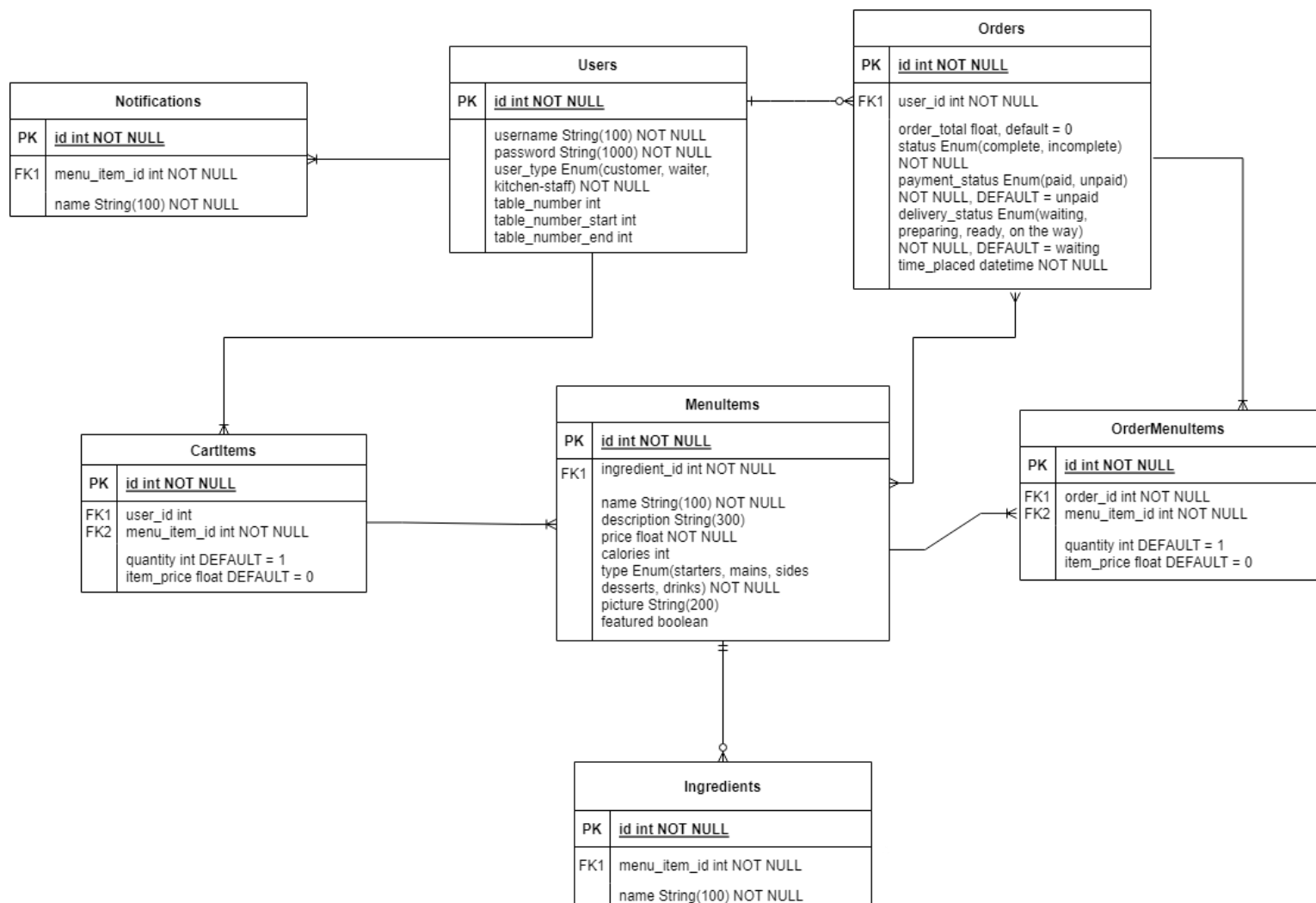
1. Kitchen staff - confirmed customer order
2. Kitchen staff – notification of a new order
3. Kitchen staff - notify waiters
4. Kitchen staff - order times

Admin:

1. Admin - Add new waiters
2. Admin - Add new kitchen staff

3. Admin - change the menu
4. Admin - monitor orders
5. Admin - monitor notifications
6. Admin - view staff members

Diagram of Database Models Implemented



Description of User Views Implemented

Customer:

Ordering: Customer can order food from the menu by adding the items to the cart and confirm the order by “Confirm Order” button.

View Menu: Customer can view all the items in an electronic menu page with relevant data.

Intuitive ordering: Customer can select and add different items with the help of “Add to cart” button. This includes selecting quantity of each MenuItem to add to cart.

Allergies and Calories: Customer can get information about the ingredients and calories on each item in the menu and avoid food with allergens.

Order Confirmation Page: Customer can see the items in the order he just placed to check if he has ordered the food he intended to. This will also display the item_price and order_total.

No Access to Waiter View: No customer can access the waiter view nor waiter can access the customer view.

Order Quantity and Total Price: Customer can see the quantity of each ordered item and the total cost of each item, as well as the order total.

Order Tracking: Customer can check the order status to figure out how much longer customer must wait. This includes the status of whether the waiter has confirmed their order and the delivery status.

Food Pictures: Customer can see the pictures of food in an electronic menu of how the food will look like when its ready.

Calling the waiter: Customer can call waiter at any time by “Call a waiter” button to get help regarding order, this is done by using the Notification model.


Menu Filtering: Customer can filter the menu by a form to make sure what exactly he wants to see in the menu e.g. drinks, sides, Desserts, etc. The categories of each MenuItem are also displayed at the top of each MenuItem card.

Selecting table number: Customer can select the table number when they log in, this will be according to how many waiters there are currently working and can handle tables.

Electronic Payment: Customer can utilize the electronic payment method with the help of a “Pay Now” button in the order tracking page.

Waiter:

Change The Menu: This page allows waiter to change the menu, so he/she can show customers only currently available dishes. This also allows waiter to remove and add item in menu. If waiter wants to add item in menu, he/she is required to add name, price, description (helps customer to



understand dish more clearly), ingredients (If someone is allergic then ingredients in a menu are of great help), calories, picture and type of dish.

Order Confirmation: This page will keep waiter notified about the table whether order is being prepared or any customer needs help. When a table is ready to order waiter can confirm the order.

Orders Times: The orders allows waiter to see the orders by the time they were placed, so that he/she can prioritize them.

Mark Order as Delivered: This allows waiter to mark whether order is on the way, delivered or whether the order is completed, so that the order progress is tracked correctly.

Cancel Order: Using this page waiter can cancel the customer order, so the kitchen staff knows when people change their mind.

Notification for Delivery: This page will notify to waiter when the kitchen has prepared the dish, so that he/she can deliver it to the table.

Change Status of an Order: In this page waiter can change the status of an order so he can keep customer informed about his order.

The Client Needs Help: This page will notify the waiter, if any client needs help so he/she can assist them.

Table Assignment: Only one waiter should be assigned to a range of tables. This is done by the admin when creating a login for a waiter. After this, the waiter will only see orders associated with their table range.

Payment information: This allows waiter to see which tables have received their orders but have yet to pay, so that he/she can prevent people from leaving without paying.

Kitchen Staff:

Confirmed customer order: kitchen staff gets notification of the confirmed order once the customer completes the order from the cart and waiter confirms it.

Notification of a new order: Kitchen staff gets notification of new order along with the table no and can dismiss it once it is done.

Notify waiter: kitchen staff can notify waiter that the order is ready to be delivered or served.

Order times: kitchen staff can find out when the orders were made so they can be on track regarding orders.



Admin:

Add New Waiters: Admin can hire a waiter through clicking “add new staff” on navigation bar and then can select username, password, and table assignment range for them.

Add New Kitchen Staff: Admin can hire kitchen staff through clicking “add new staff” on navigation bar and can select username and password for them.

Change The Menu: Through “change the menu” page admin can remove any dish he/she wants and admin can also add new dishes if he/she wants to.

Monitor Orders: Through “Monitor Orders” admin can monitor “user id”, “Table number”, “Menu items”, “OrderTotal”, “Order Status”, “Payment Status”, “Time Placed”.

User id shows the id of customer who ordered the food. Table number shows the table number of customers. Menu item shows the dish/dishes they ordered, and it also shows the quantity of ordered dishes. It also shows the price for 1 certain dish ordered by customer. Order Total shows the total bill depending upon the quantity of dishes. Order Status shows that whether the order bill is paid or unpaid. Time Placed shows the date and time when the order was placed.

Monitor Notifications: Monitor notifications displays “user id” of customer, “Table Number” shows the table number of customers, “Message” shows the status of the order. “Status” shows whether the customer is assisted by waiter or not. “Dismiss” provides the option for admin to dismiss notification if he wants.

View Staff Members: View staff Members show “User Id” which is the user id of staff, “Username” of staff, “User Type” shows whether the particular person is kitchen-staff or waiter, “Table Number Range” shows the no. of tables served by particular staff member and “Actions” allows admin to fire staff-member to customer.



Link to YouTube Video

<https://www.youtube.com/watch?v=AwzFH4xBM0E>

- Planned by: Jaskirat Sachdeva & Aleksis Aleksandrs Vilnitis