

Homework 2 Phase 1

Group 2: Ujwal Joshi, Daisy Gonzalez, Fernando Ramirez, Rebecca Santos

Interesting Queries:

- On our reports page that can be seen on the footer has a few insightful queries. If you press the Wealthiest Restaurants it will show the restaurants with the most revenue. If you press the Most Expensive Dishes it will show the most expensive dishes of the restaurant chains, and if you click the Restaurants ->Join With Menu Items->Enter Restaurant ID of choice (ids 1 - 10) it will show the menu items of the restaurant id you chose.

Initializing the Database:

- In order to initialize the button just press the Start DB button on the home page and it will initialize the DB.

ER Diagrams:

- The ER Diagrams and some of our original drafts are towards the end of the document.

Web Pages:

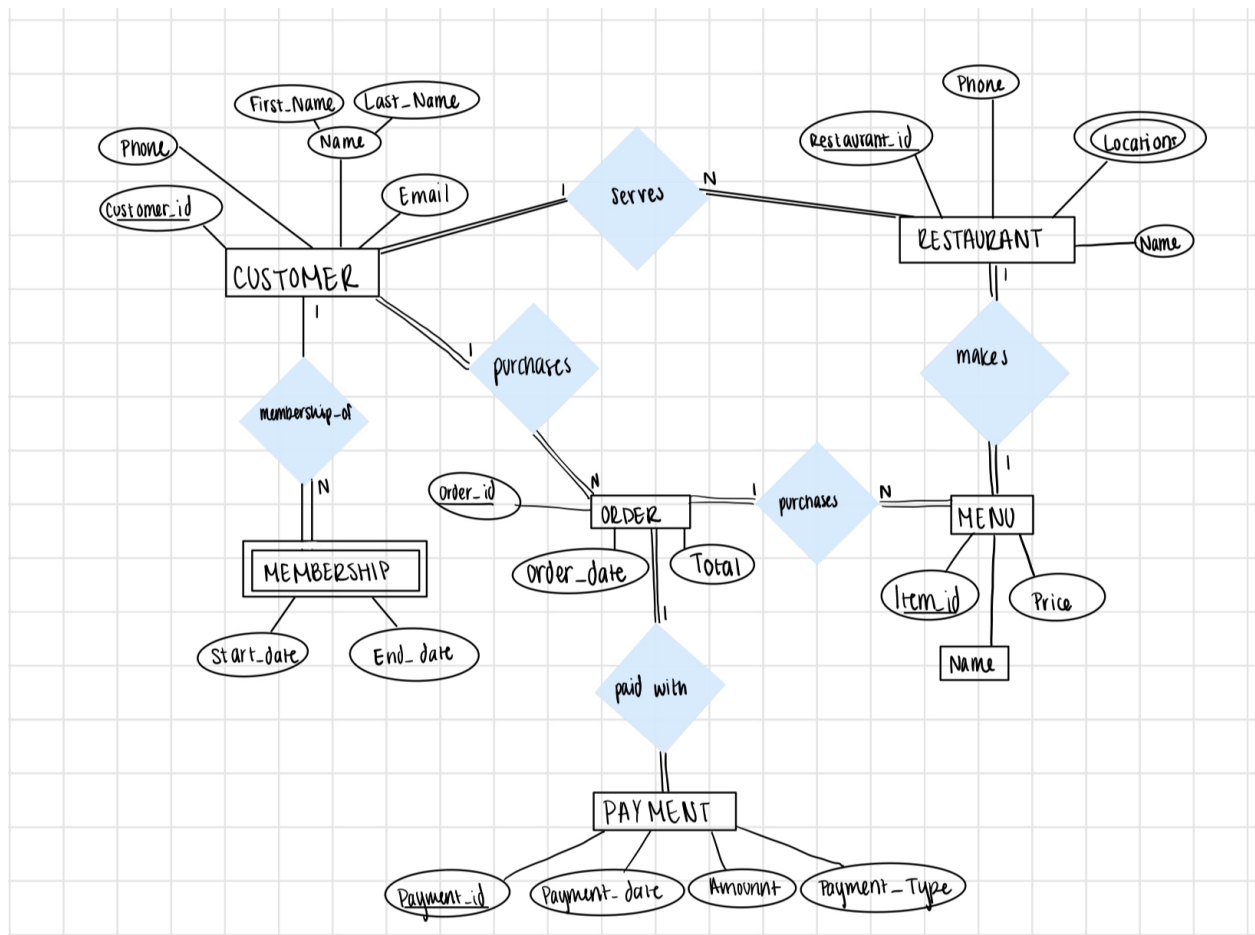
- Main Components (present in all web pages):
 - Navigation Bar (from left to right):
 - Home Button: Leads you to the Home Page
 - Locations: Leads you to the Locations Page
 - Manage Account: Leads you to the Manage Account Page. However, you will only go to the Manage Account Page if you are signed in. If you are not signed in, you will be led to the Sign In Page
 - Register: Leads you to the Register Page
 - Sign In : Leads you to the Sign In Page. When you are already signed in, the Navigation Bar will say “Sign Out” instead, and you will be signed out and led back into the Sign In Page
 - Cart: Leads you to the Order Page. If you add a menu item to your cart, a number will appear on the cart graphic (depending on the number of items in your cart)
 - Footer
 - Copyright that shows the Semester, Academic Year, and Group Number
 - Reports: redirects you to the Reports Page
- Home Page
 - Landing page of the web application
 - Contains an “Order Now” Button that leads you to the Locations Page
 - Contains a “Start DB” Button that will start the DB and redirect you to the reports page

- Sign In Page
 - Page that allows you to sign into your account
 - If you do not put a registered email in the “Email” textbox, you will receive the following message: “Please enter a valid email. Email not registered.”
 - If you put a registered email in, but do not include an account pin in the “Account Pin Number” text box, you will receive the following message: “Please enter a valid pin.”
 - If you put a registered email in, but input an incorrect pin number in the “Account Pin Number” text box, you will receive the following message: “Please enter a valid pin. Incorrect account pin.”
 - Once putting a registered email and the valid pin number associated with it, pressing the “Sign In” Button will lead you to the Manage Account Page
- Register Page
 - Page that allows you to register a new account
 - If the boxes are not filled with the proper information, pressing the “Submit” button will result in an error message being displayed, depending on the text box that was not filled correctly
 - If the proper input is filled, pressing the “Submit” button redirects you to the Manage Account Page and adds the new customer information to the database
- Manage Account Page
 - Page that shows the customers’ information:
 - Account information includes the following: First Name, Last Name, Zip Code, Phone Number, Email, and Membership Status
 - Payment information includes the following: Card Number, CVV, Card Name, Expiration Date, and Card Balance
 - Contains an “Update Account Information” Button and an “Update Payment Information,” where you can update your account and payment information
 - Contains a “Delete Account” Button that will allow you to delete your account
 - Navigation SideBar (from top to bottom):
 - About Us: Leads you to the About Us Page
 - Order History: Leads you to the Order History Page
 - Membership: Leads you to the Membership Page
- Update Account Page
 - Page that allows you to update your current account information
 - Has the same inputs as the Register Page (First Name, Last Name, Email, Account Pin Number, Phone Number, Zip Code) that you can submit to update the account information

- If the boxes are not filled with the proper information, pressing the “Submit” button will result in an error message being displayed, depending on the text box that was not filled correctly
- If the proper input is filled, pressing the “Submit” button redirects you to the Manage Account Page and updates the information
- Update Payment Page
 - Page that allows you to update your current payment information
 - Lets you input the following: Payment ID, Card Number, CVV, Card Name, and Expiration Date
 - If the boxes are not filled with the proper information, pressing the “Submit” button will result in an error message being displayed, depending on the text box that was not filled correctly
 - If the proper input is filled, pressing the “Submit” button redirects you to the Manage Account Page and updates the information
- About Us Page:
 - Page that gives a brief summary about the members of Group 2
 - Page will be implemented during Phase 2
- Order History Page
 - Page that allows the customer to see their full order history
 - Customers can search by Order ID to find a specific order
 - Each order shows the following: Order ID, Order Date, Total Price, and Status (Delivered or Processing)
 - Page will be fully developed during Phase 2
- Membership Page
 - Page that allows the customer to subscribe to the membership plan, where they receive specific membership benefits
 - Once customers choose to opt into the membership, they will pay for membership (This function will be implemented in Phase 2)
- Locations Page
 - Page that allows you to choose which restaurant you’d like to order from
 - Customers can search by Restaurant ID to find a specific restaurant
 - Restaurant information contains the following: Restaurant ID, Restaurant Name, Phone Number, Street Name, Revenue
 - Pressing the “Order Here!” button leads you to the Menu Page for the chosen restaurant

- Menu Page
 - Page that allows you to start selecting menu items
 - Customer can select from three options on this page: “Meals,” “Sides,” and “Drinks”
- Meals/Sides/Drinks Page:
 - Three different pages that shows you the available menu items, depending on which page you selected
 - Customers are shown the name of the menu item, a small description of the item, and its price
 - Pressing the “Add to Cart” button adds to your cart (which is accessible in the Order Page)
- Order Page (Cart)
 - Page that allows you to see your current shopping cart
 - Displays all menu items that the customer has added to their order
 - Customers have the ability to delete any item that they have added to their cart
 - Subtotal, Tax, and Total are all displayed for the customer to view
 - Pickup Location is displayed for the customer to view
 - Pressing the “Checkout” button leads you to the Checkout Page
- Checkout Page
 - Page that allows you to check any final details of your order and provide payment
 - Provides Pickup Location details which includes the following: Restaurant Name, Restaurant ID, Phone Number, and Location
 - Provides Order Details which include the Subtotal, Tax, Tip, and Total
 - Allows the customer to provide a tip between the following values: \$2.00, \$3.00, \$5.00, and \$0.00, which will be included in the Total
 - Allows the customer to provide payment information and to select their preferred payment method (between card and cash)
 - If paying with cash, the customer will need to provide the amount they paid with cash in a text box
 - Pressing the “Checkout” button will “process” the order
- Reports Page
 - Allows you to see the output of table data based off of joins and has a few other interesting queries.
 - Will be fully functional during phase 2, if the button does not fully work it will display a pop up message.

Preliminary ER Diagram:



Current ER Diagram:

