

- FOOD PROJECT V2
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- ADDING IMPLEMENTATION
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- ADMIN CLASS
  - Admin must be able to view customers, employees, restaurants, and orders through a menu
    - ADMIN MENU
      - View all restaurants
      - Edit restaurants
        - When editing, sets a price to order from the restaurant. Sets standard price just for order. Eg. If price is at 10\$ for that restaurant, then every order will be charged 10\$ for that specific restaurant.
      - View All Customers
      - View All Drivers
      - View All Orders
        - View active orders and delivered orders
      - Set the Delivery Fee
        - This is a flat fee added to every order and charged to every customer who orders
      - Set the Driver Payment
    - Raymond is the admin now
    - Set a delivery fee for the customer and edit the delivery fee.
  - RESTAURANT CLASS
    - Newly Added implementation
      - Restaurants now have a base menu price value that needs to be added and accounted for.
        - Price variable
        - Setter for price
        - Getter for price
      - DONE DONE DONE DONE DONE
  - CUSTOMER CLASS
    - Customer has their phone number on the menu screen, and they can see their delivery history
      - View Delivery History
        - Keeps track of orders when they are completed, and how much the meal was, and what the delivery fee was, and the total cost
        - Used a temporary instantiated queue to keep track of all their orders when they're making it
  - DRIVER CLASS
    - Keep track on how many orders they have done now in the class
      - For every completed order, populate and keep track of the orders, and how much money was earned from the orders

- This will be done by enqueueing orders as we dequeue them from the order list into a history queue in the program
- Drivers only complete order, view order history
- Login and able to save data like in the customer class and have it be accessible by the administrator.

## NOTES

There was an issue with using certain phone numbers that were bigger than the size an integer was able to provide. I believe this would be an easy fix once I implement a string to long instead of using a string to int(stoi) function. Eventually, I think that there would be a better way to save orders by populating a text file information to be able to keep orders saved as well, since all orders are lost when the program is closed. I think this would be easy and I should have been able to do it had I planned my time out well, but so far, it only keeps track of orders during program execution. The program still relies on the customer and the driver to keep track of their log in information as well and I would like to improve the interface more.