

# Gas Station Inventory

## Specifications:

- Monthly volume logs of the three types of Gasoline
  - Diesel
  - Premium
  - Unleaded
- Track Fuel Pump & Tank Volume Inventory
  - Fuel Pump Inventory ((Am (Open) & Am (Close)), (Pm (Open) & Pm (Close)))
  - Fuel Tank inventory (Am & Pm)
- Convert Inventory into prices
  - Diesel (PB), Diesel (1), Diesel (2), Diesel (3)
  - Premium (PB), Premium (1), Premium (2), Premium (3)
  - Unleaded (PB)
- Income
  - Daily
  - Weekly
  - Monthly
  - Yearly

## Features:

### A. User Management

- ☐ Login page for the admin and the employee
- ☐ The admin can access the logs, while the employee can only input logs
- ☐ Confirmation window to avoid misinputs by employees
- ☐ Acceptable UI/UX

### B. Shift Management

- ☐ A button to indicate when to start/end a shift to track and record fuel volumes
- ☐ After shifts(AM, PM), calculate the Total Pump Fuel Volume and record fuel volumes

### C. Transaction Input

- ☐ An input page to track and record each transaction of pump fuel
- ☐ Pump Fuel Volume Logs should remain for 1 month
- ☐ Tank Fuel Logs after daily for each fuel category

### D. Income and Inventory Reports

- ☐ Maintain the previous inventory of fuel
- ☐ Add a delivery log to update the current fuel inventory
- ☐ Calculate inventory prices based on the logs
- ☐ Calculate Daily, Weekly, and Monthly Income
- ☐ Price History Tracking
- ☐ Data Export(Optional)

## Process Flowchart:

