

Mechanical Car Workshop Manager

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Build 1 - Graphical User Interface (GUI)

Customer Information

- The MCWM shall have a form for the user to enter a customer's personal information.
- The MCWM shall have a section for the user to enter in the customer's car information.

Customer Information

Customer Information Entry

- First Name
- Last Name
- Address
- Phone Number
- Email (Optional)

Vehicle Information

- Make
- Model
- Year
- Date

Comments

The screenshot shows a web application titled "Mechanical Car Workshop Manager". The interface is divided into two main sections: a form on the left for entering customer and vehicle information, and a table on the right for displaying the data.

Customer Information Entry Form:

- Customer Information:** Includes input fields for First Name, Last Name, Address, Mobile No., and Email (Optional).
- Vehicle Information:** Includes input fields for Vehicle Make, Vehicle Model, Year, and Date.
- Buttons:** "Save" and "Clear" buttons are located below the vehicle information fields.
- Comments:** A text area labeled "Comments..." is at the bottom of the form.

Data Table:

First Name	Last Name	Vehicle Make	Vehicle Model	Year	Date	Comments
No content in table						

Footer: The bottom of the application features a navigation bar with links to "Customer Orders", "Inventory", "Car Service", and "Reports". Additionally, there are "Edit", "Delete", and "Refresh" buttons, along with a "Search..." input field.

Car Services

- Each car service order shall contain information regarding the car and the service required for the car.
- Each car service shall be assigned a specific price.
- For each service requested, the user shall select the car service(s).
- The MCWM shall check which service(s) have been selected and calculate the total cost of the service.

Car Services

- Customer Selection
- Vehicle Selections
- Service Selections

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Customer Selection

Choose Client ▼

Choose Car ▼

Service Options

☐ Oil Change

☐ Tire Change

☐ Brake Work

☐ Air Filter Swap

☐ Spark Plug

☐ Windshield

☐ Radiator

☐ Suspension

Create

Clear

Comments...

Order ID	Last Name	First Name	Vehicle	Services	Price	Date	Comments
No content in table							

Edit

Delete

Refresh

Search...

Customers

Inventory

Cars

Reports

Inventory

- The MCWM shall allow the user to add/edit/remove car parts and the respective car part information into the inventory. Part information shall include the part's name, price, and current stock of the parts.

Inventory

- Part Name
- Price
- Quantity

Inventory

Add Part

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Part ID	Part Name	Price	Qty
No content in table			

Edit

Delete

Refresh

Customer Orders

Inventory

Car Service

Reports

Reports

- The MCWM shall be able to generate reports that contain customer information, their car(s), the services requested, the inventory that was used for the service, and the profit the shop made.
- The user will be able to save the report.

Reports

Details about Parts and Labor Cost:

- Invoice #
- First and Last name
- Parts and Labor Cost
- Total
- Date
- Comments

MCWM Reports Details							
Invoice #	First Name	Last Name	Parts Cost	Labor Cost	Total	Date	Comments
No content in table							
<div>Delete <input type="text" value="Search..."/></div>							
Customer Orders	Inventory	Car Service	Reports				