Requirement Gathering

1.Project Overview

The online car reselling system aims to make buying and selling used cars easier and more reliable. Right now, people struggle with things like inaccurate car listings, limited ways to search for cars, and unsafe payment methods. This project wants to solve these problems by creating a secure and easy-to-use platform for buying and selling vehicles.

The project aims to create a platform where users can list cars for sale with details like make, model, price, and photos. Buyers can easily search for cars based on criteria like price and model. A secure payment system will ensure safe transactions. Administrators will have tools to manage users, listings, and transactions.

This platform aims to create a more reliable, transparent, and efficient environment for buying and selling used vehicles.

2.System Scope

The proposed online automobile reselling system is intended for full-scale implementation. It aims to serve as a comprehensive platform facilitating the buying and selling of used vehicles. The system will provide essential functionalities such as user registration, vehicle listings and secure payments

3.Target Audience

The target audience for the online automobile reselling system includes:

   i.   **Buyers**: Individuals seeking to purchase used vehicles conveniently.

  ii.   **Sellers**: Individuals or businesses looking to list and sell their used vehicles.

 iii.   **Administrators**: System managers responsible for overseeing user accounts, vehicle listings, and transactions.

These stakeholders will interact with the platform to facilitate a streamlined and secure vehicle trading experience.

4.Modules

   1.   **User Module**: Handles user registration, login, account management, and dashboard features.

2. **Vehicle Listing Module**: Allows sellers to list vehicles with details like make, model, price, and photos.

3. **Search and Filter Module**: Enables buyers to search for vehicles based on criteria like price and specifications.

4. **Payment Module**: Facilitates secure payment processing for purchases.

5. **Admin Module**: Provides tools for managing users, vehicle listings, and transactions, along with generating reports.

6. **Wishlist and Price Tracking Module**: Allows buyers to save desired vehicles and monitor price changes.

7. **Test Drive Module**: Supports scheduling and managing test drives for vehicles.

5.User Roles

i. **Buyers**:

Permissions: Search for vehicles, view details, add vehicles to wishlist, track prices, request test drives, and make payments.

ii. **Sellers**:

Permissions: List vehicles for sale, manage listings, track listing statuses, schedule and manage test drive appointments, and view sales reports.

iii. **Administrators**:

Permissions: Manage user accounts, approve or reject vehicle listings, oversee transactions and generate system activity reports.

6.System Ownership

The ownership of the online automobile reselling system lies with the organization or individual responsible for its development and deployment. This entity will oversee the platform's operation, maintenance, and updates, ensuring its functionality and reliability for all users.

7.Industry/Domain

The system is related to the automotive and e-commerce industry. It focuses on facilitating the buying and selling of used vehicles through an online platform, streamlining transactions within the transportation sector.

8. Data Collection Contacts:

Name:Hafees Muhammad

Contact:9388650125

9.Data Collection Questionnaire:

I.   What information do you consider essential when evaluating a used vehicle   for purchase?

        Vehicle history report

II.   What is a significant challenge buyers face when purchasing used vehicles?

        Lack of information about vehicle history, High cost of new vehicles, Inconvenient payment methods

III.   How does a detailed vehicle listing benefit the selling process?

        Increases buyer confidence

IV.   Why is an automobile reselling system beneficial for users?

        Simplifies the buying and selling process

V.   Which factor is most critical for ensuring user satisfaction in a reselling system?

        A user-friendly interface

VI.   What are the essential features for sellers on the platform?

        Listing management tools,Availability to manage test drives,Sales performance reports

VII.   What is the key reason for including user reviews on vehicle listings?

        To give potential buyers insights into the vehicle's performance

VIII.   How does a detailed vehicle history report benefit buyers?

        It offers insights into past maintenance and ownership records

IX.   Why is it important for sellers to include high-quality photos in vehicle listings?

        It increases trust and transparency for buyers

X. Why is it necessary to have a test drive booking system?

It provides buyers with the chance to assess a vehicle's condition personally