

Requirements Document For WSH_CYLINDER

(buying and selling car website)

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1 System Requirements:

1.1 Functional Requirements:

User Registration

Users can log in using email/password

Car Search:

Cars are categorized by make, model, year, price, and other relevant attributes

Users can search for cars based on various criteria.

Detailed car descriptions, including specifications, mileage, and images.

User Selling:

Users can list their cars for sale. Sellers provide essential details, upload images, and set a selling price. Sellers can edit or remove their listings.

User buying:

Users search for the car they want, whether used or new and set the price

User Interaction:

Users can send inquiries and messages to sellers by phone or mail

1.2 Non-Functional Requirements:

Performance:

The time taken for a specific page to load.

The speed within which certain requests must be processed

Errors: when the user make a mistake while registration

Usability:

Intuitive and responsive design for seamless user experience across devices

Efficiency:

How many users the system can handle concurrently.

Memorability:

can user return to the interface after some time and state efficiency work with right way

Security:

Regular security audits and vulnerability assessments.

Secure storage of sensitive information.

Safety:

To ensure that no user lose any data while using the website

Data Management:

Efficient storage and retrieval of car and user data.

Regular database maintenance.

Usability:

Intuitive and user-friendly interface