



# WHEELS AND DEALS





# **WHEELS AND DEALS**

## **(Cars Buying And Selling System)**

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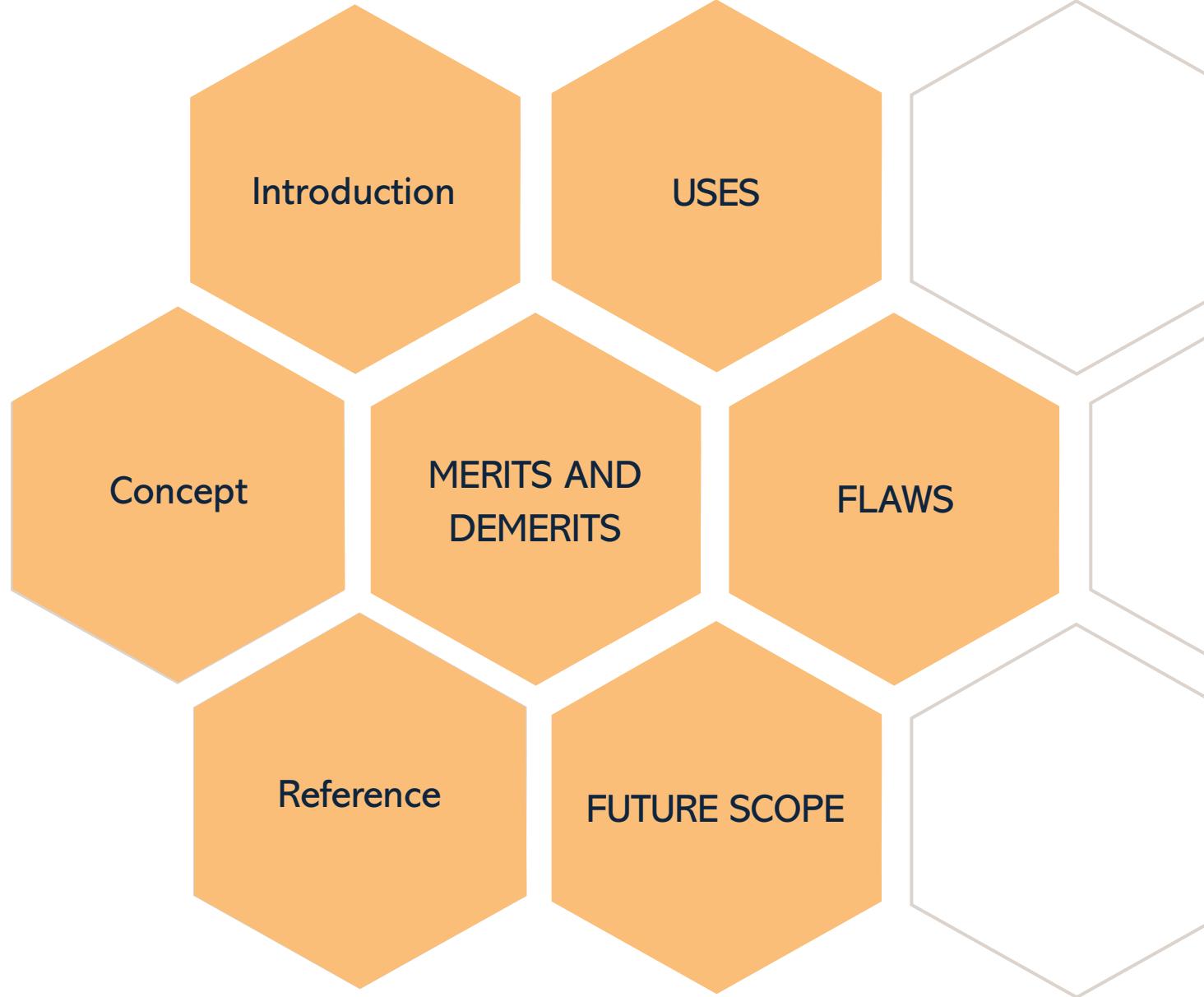
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**COVER UP**

# **SYNPESIS**

Wheels And Deals Is An Car Buying And Selling System



# Purpose of the project

Wheels and Deals is a user-friendly platform for buying and selling cars, connecting sellers and buyers with a streamlined process for listing, browsing, and closing deals efficiently.



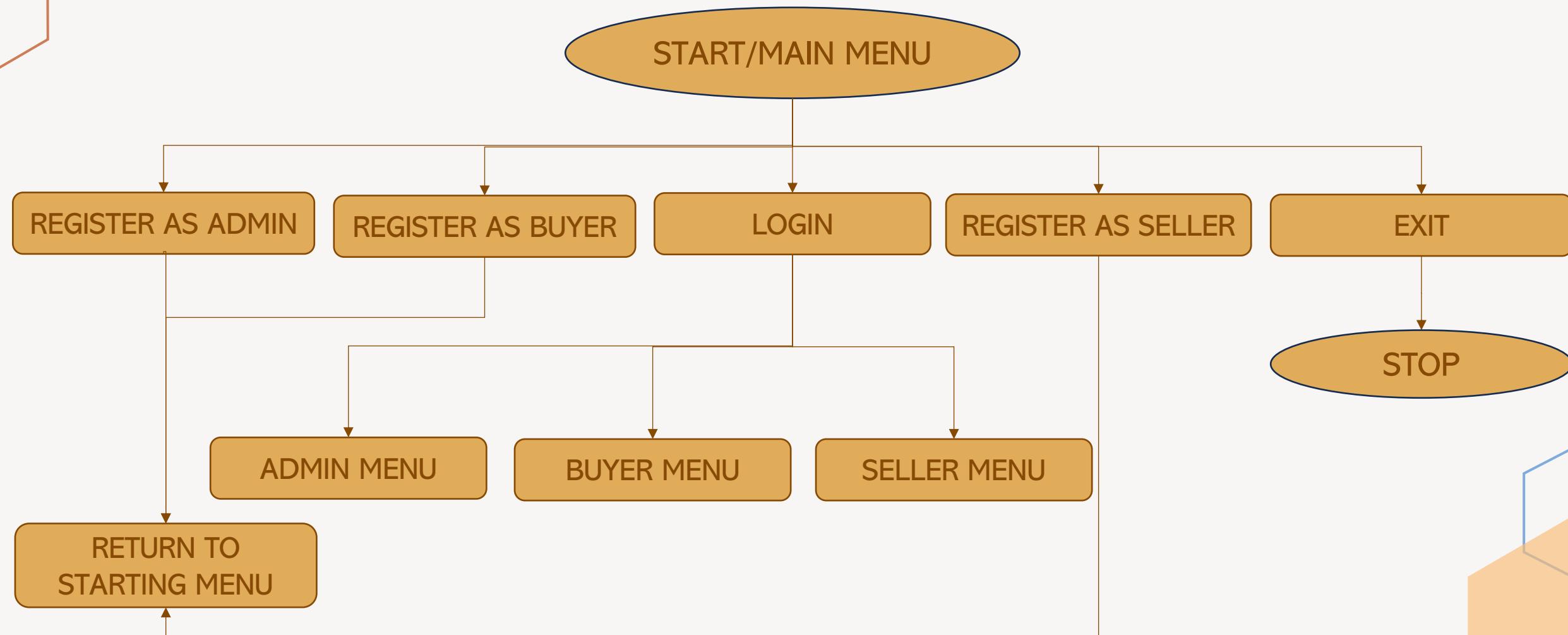


# Functionalities of Project Related With Corresponding Subject

JAVA	D.S.	D.B.M.S.
OOPS (Encapsulation, Inheritance, Abstraction)	ArrayList (In-Bult)	JDBC (Java DataBase Connectivity)
Exception Handling	Link List (Singly-Custom)	DataBase Normalization(basic)
static, final and private variables	Object as Data Structure (Object - Car)	CURD Operations
Nested Class	Flags and Boolean Fields	Constrains , Primary and Foreign keys
Collections	-	-
Multi-Threading (basic)	-	-

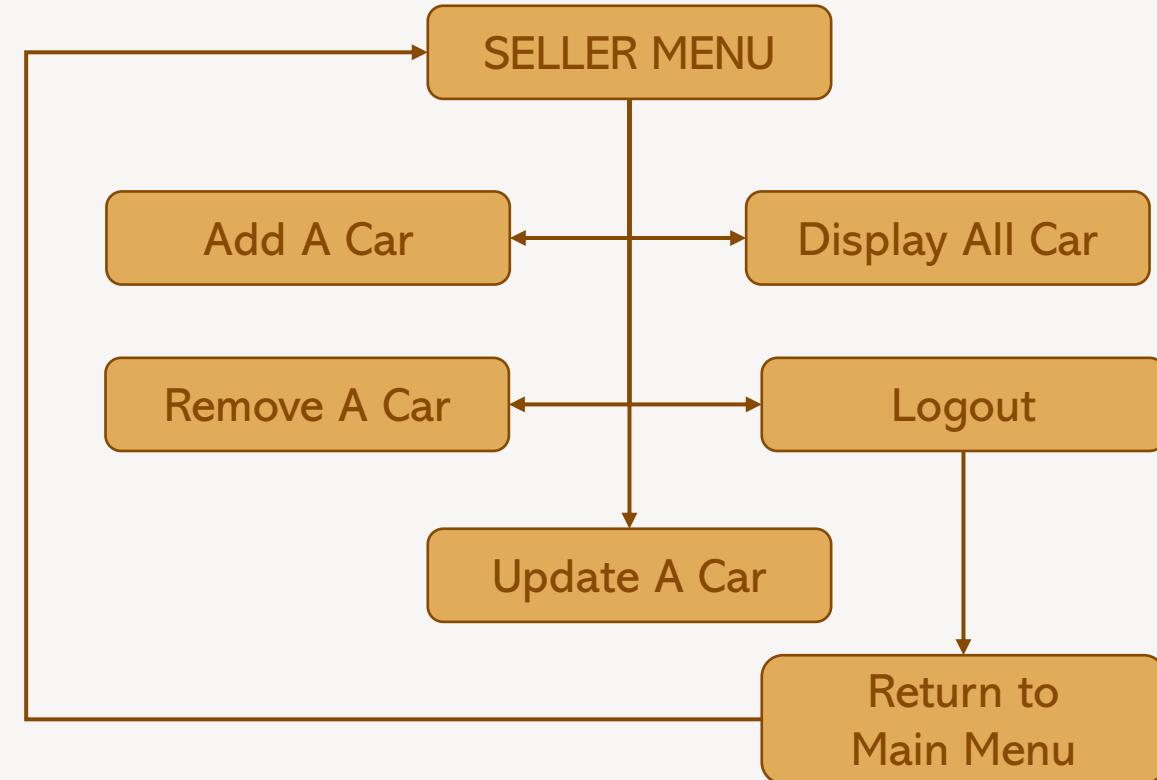
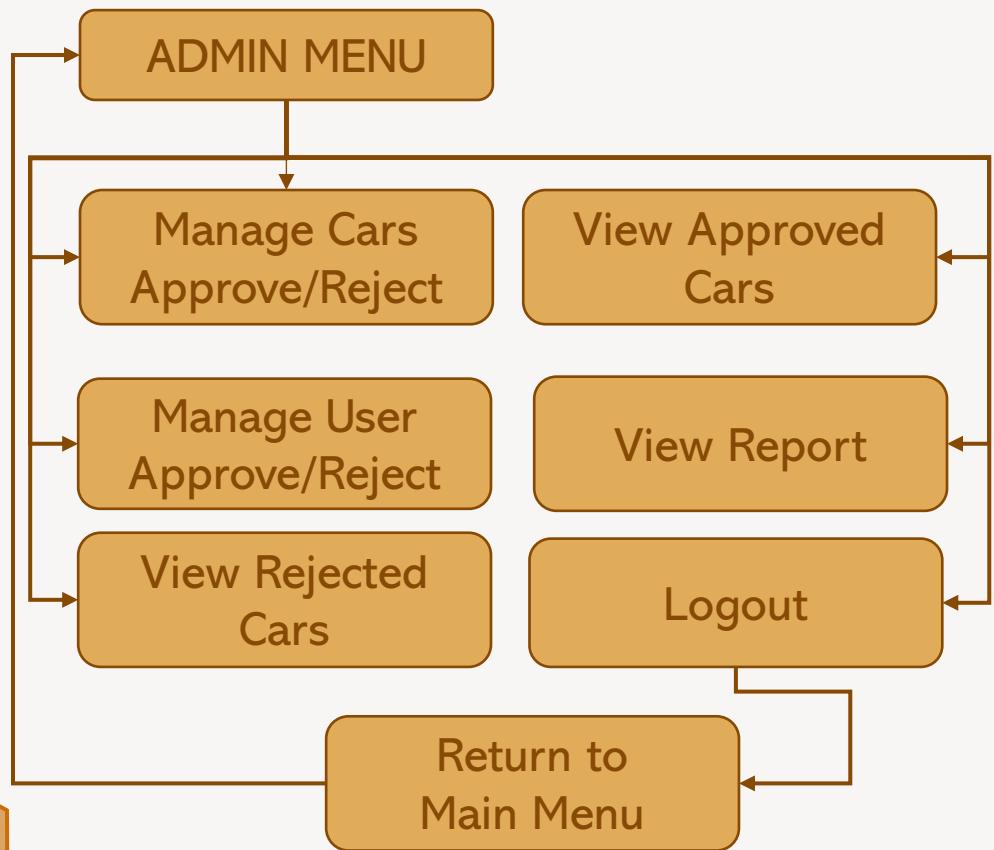


# SYSTEM DESIGN DIAGRAM



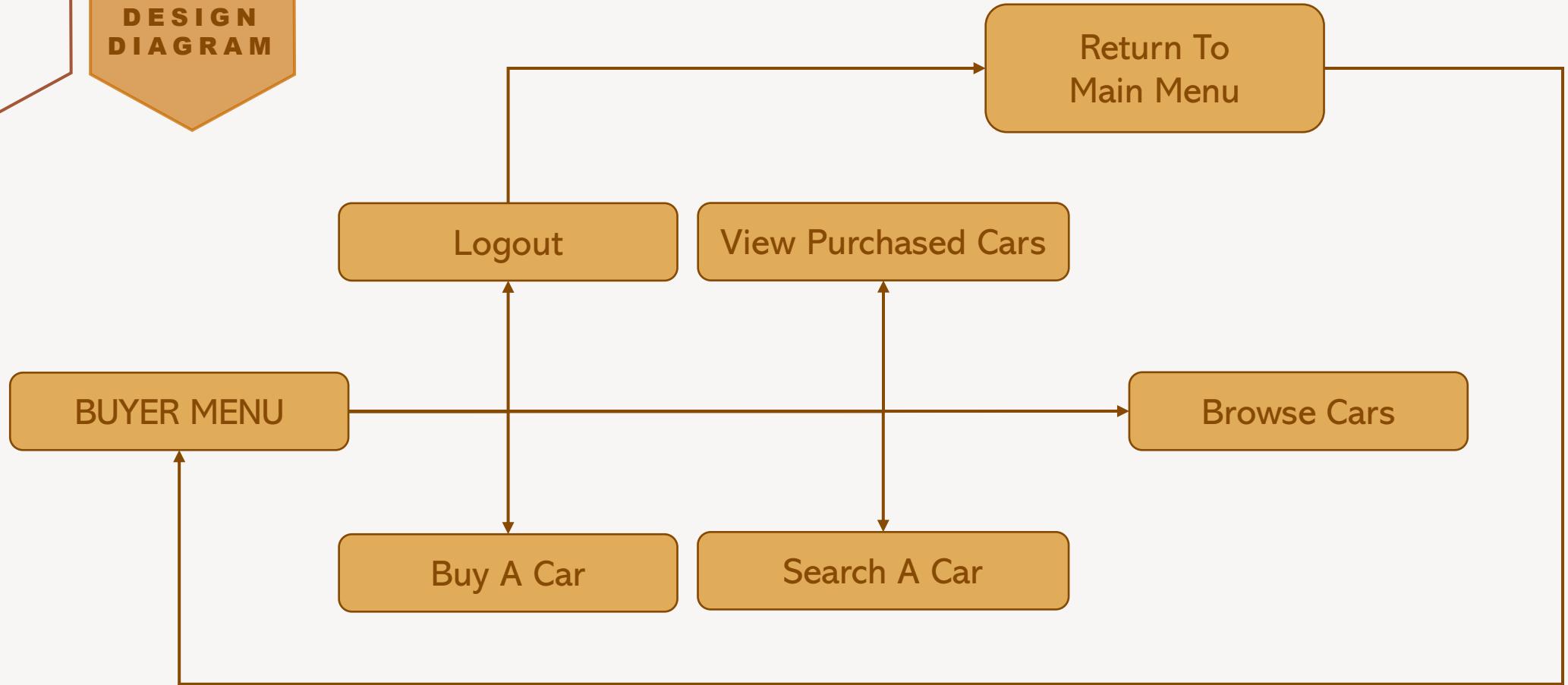


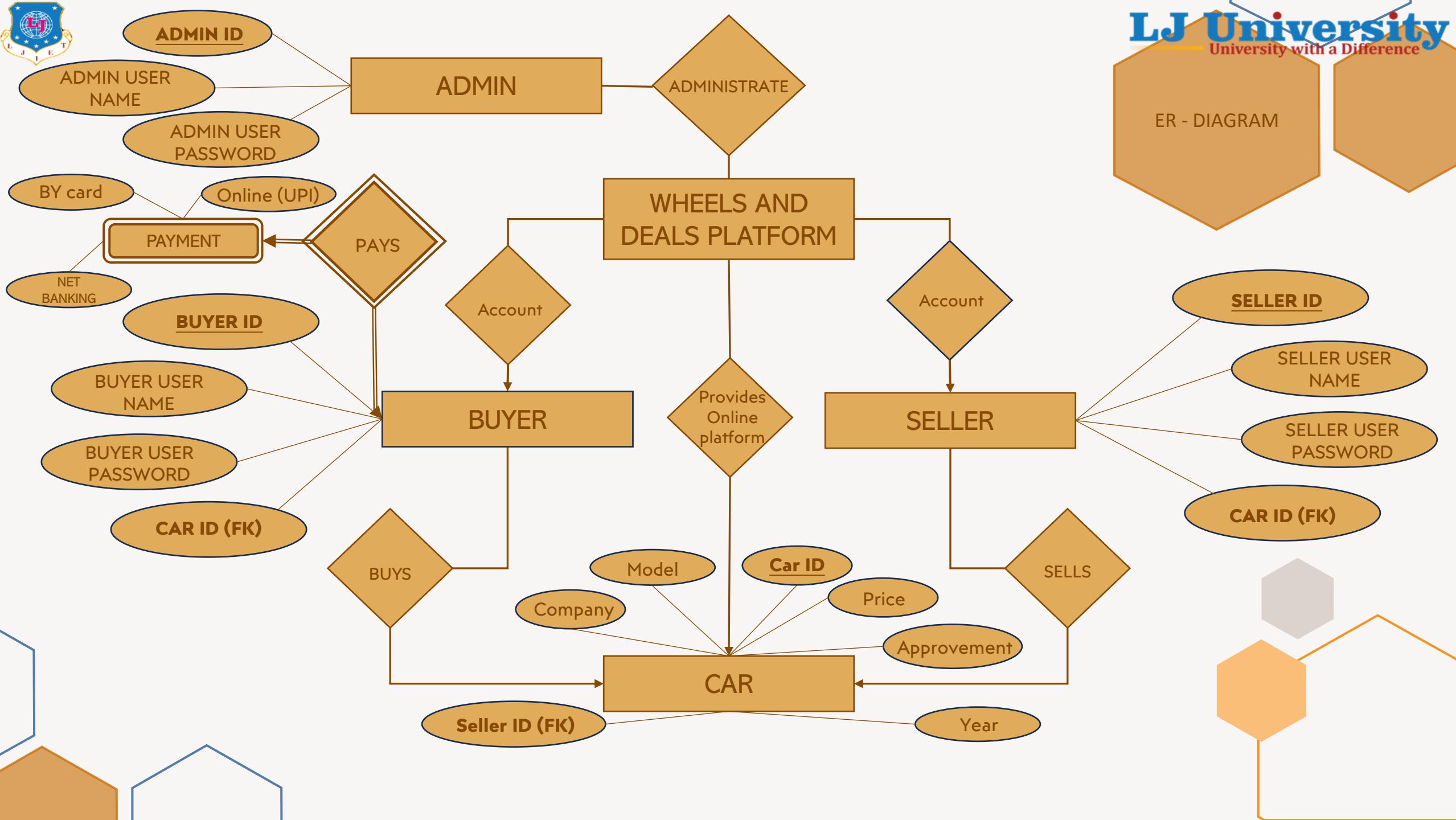
**SYSTEM  
DESIGN  
DIAGRAM**





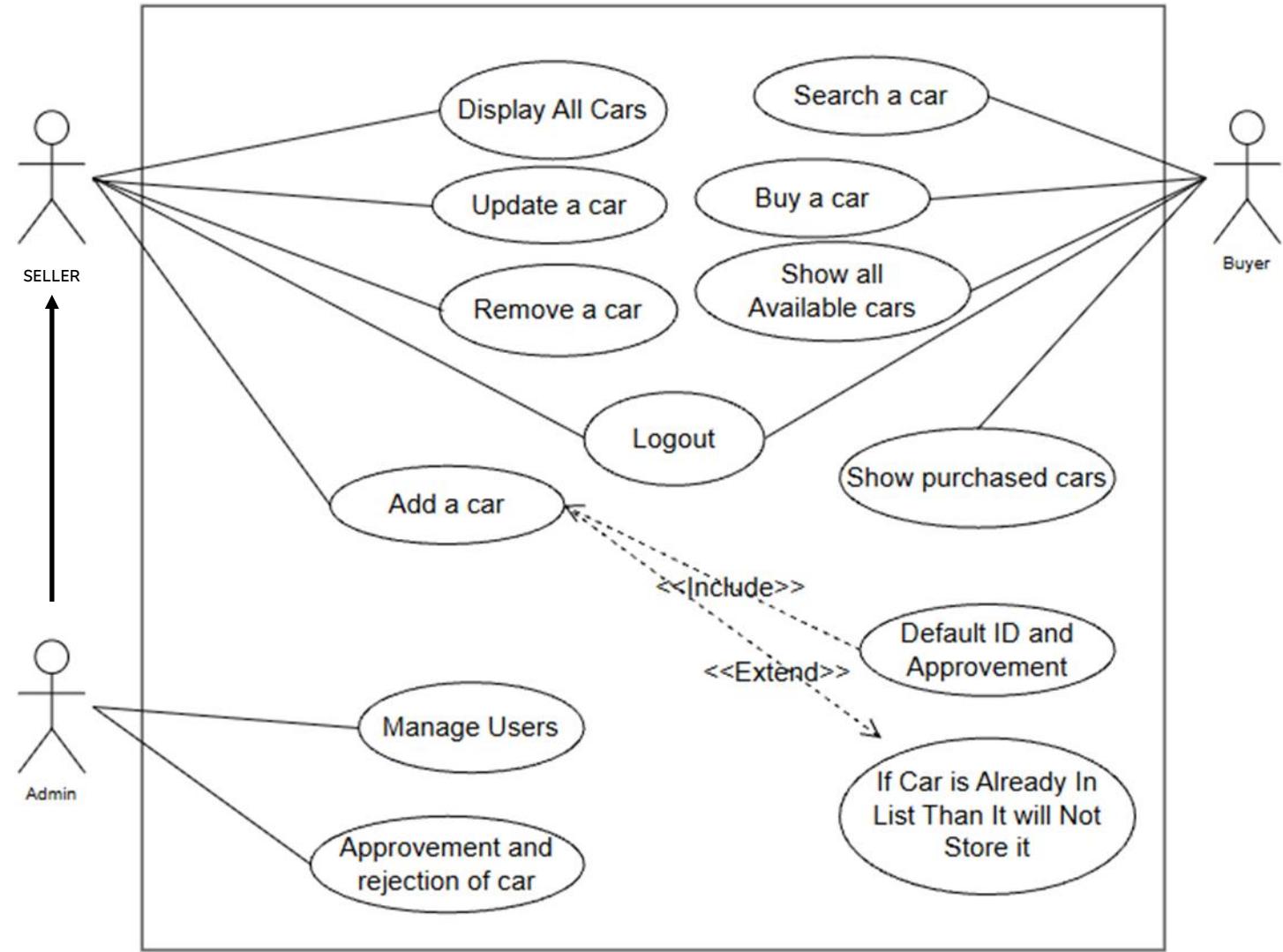
## SYSTEM DESIGN DIAGRAM





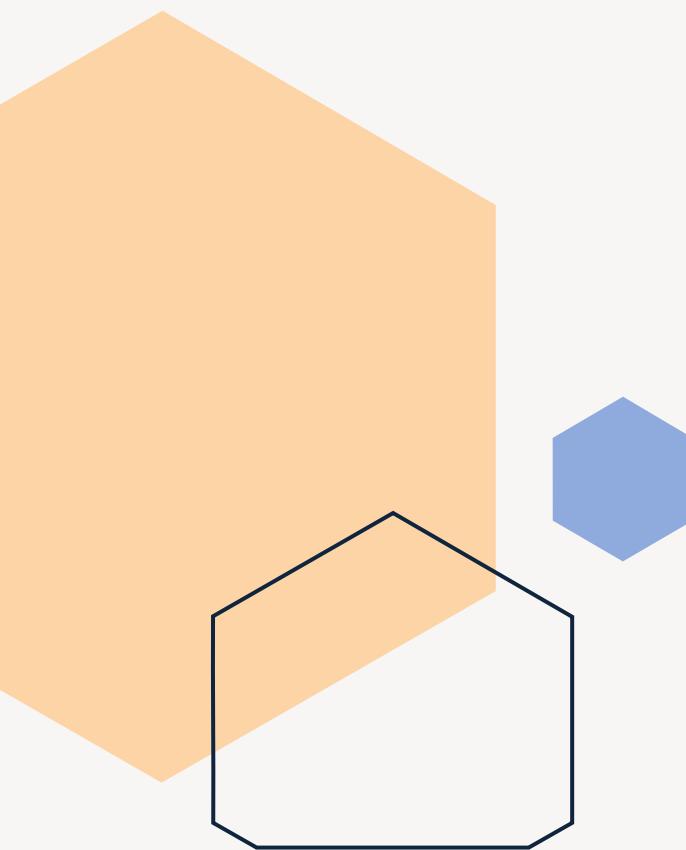


## USER CASE DIAGRAM





# MERITS AND DEMERITS



## MERITS

- Approval Workflow
- Clear Role Separation
- Database Integration



## DEMERITS

- Single Admin Limitation
- Security Weakness
- Scalability Issues
- Limited Features for Buyers



## FUTURE SCOPE

- AI Chatbot
- Instant Loan And Insurance Approvals
- B2B Buyer to Buyer Selling
- AI Driven car valuation
- VR experience and Certified Buyers



# Summary

This program is a console-based car marketplace where seller list cars, buyers browse and purchase them, and an admin Approves listings. It uses MySQL to store user and car data, ensuring all transactions and approvals are tracked.



Image Referenced from Perplexity



# Thank you

PANCHAL HARSHIL

PANDYA YASH

AHIR VEDANT

