Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID32654
Project Name	Project - Car Resale Value Prediction
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

```
        ┌─────────┐
        │  Start  │
        └─────────┘
             │
             ▼
  ┌────────┐    ┌────────┐    ┌─────────────┐
  │ Admin  │──▶ │ Login  │──▶ │ Credentials │
  └────────┘    └────────┘    └─────────────┘
                                     │
                                     ▼
┌──────────┐  ┌───────────┐   ┌─────────────┐    ┌──────────────┐
│ Invoices │◀─│ Payment   │   │ Check rules │    │ Manages car  │
│          │  │ details   │   │ for buying  │    │ details      │
└──────────┘  └───────────┘   └─────────────┘    └──────────────┘
     │                              │
     ▼         ┌──────────────┐  ┌──────────┐     ┌──────────────┐
┌──────────┐   │ Registration │◀─│ UI Model │──▶  │ Car Model    │
│  Deal    │   │ Policies     │  │          │     │ details      │
│ closed   │   └──────────────┘  └──────────┘     └──────────────┘
│          │
└──────────┘   ┌──────────────┐  ┌──────────────┐ ┌──────────────┐
     │         │ Car documents│  │ Owner details│ │ Car Sales    │
     ▼         └──────────────┘  └──────────────┘ │ value details│
┌─────────┐                                       └──────────────┘
│  END    │
└─────────┘
```
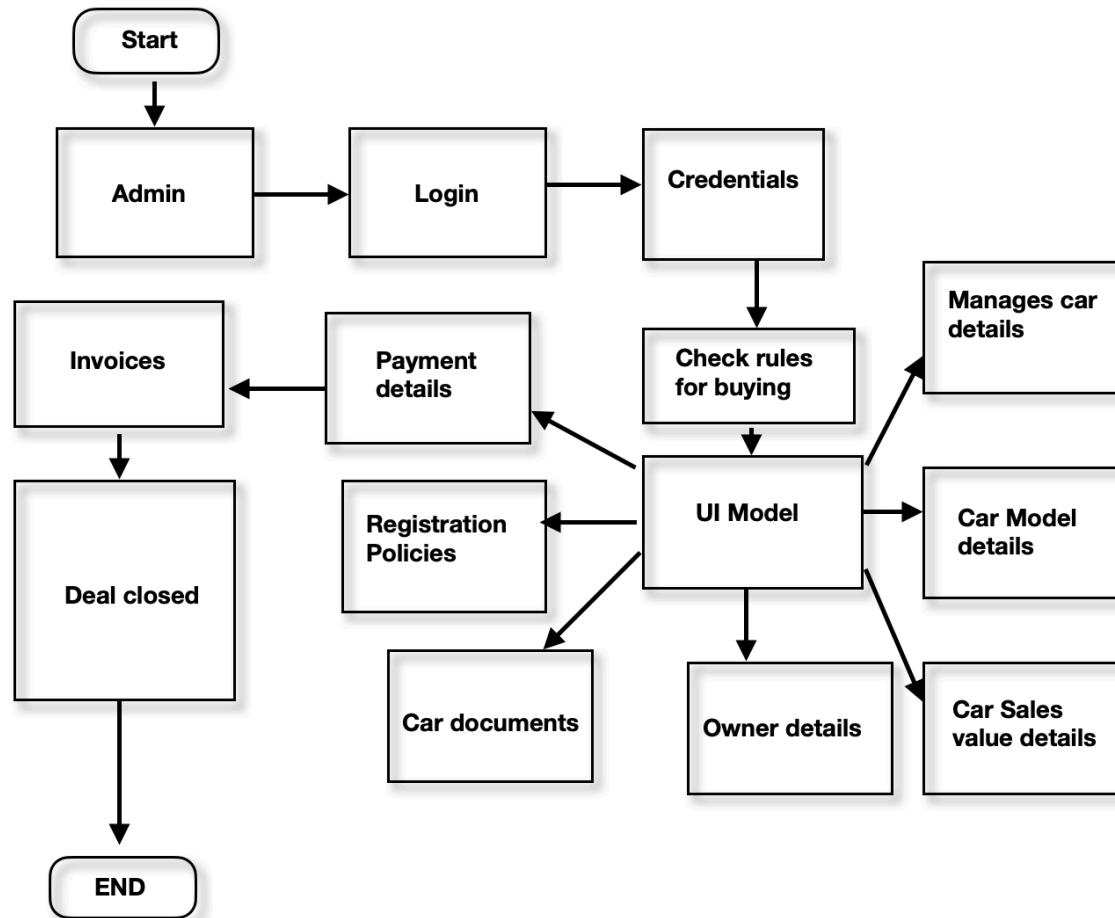
DATA FLOW DIAGRAM

User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration/Login	USN-1	As a user, I can register or login for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
Customer (Mobile user)	Searching for car	USN-2	As a user, I will search for the model and other details of the car that I wishes to buy.	I can get all the cars under the specified criteria which I was searched for.	High	Sprint-1
Customer (Mobile user)	Compare	USN-3	As a user, I can compare the car models	I will get the detailed description of the cars.	Medium	Sprint-2
Customer (Mobile user)	What is the damage	USN-4	As a user, I will get the defect details of the car.	I will get the detailed description of the defects of the cars.	High	Sprint-1
Customer (Mobile user)	Interact with the owner	USN-5	As a user, I can speak with the car owner for more details	I will get a clarity about buying the used car.	Medium	Sprint-1
Customer (Mobile user)	Output	USN-6	As a user, I will get the resale value for the selected car.	I will get the resale value for the cars.	High	Sprint-2
Customer Care Executive	Offer and policy	USN-8	As a user, I can able to speak with the customer care for queries and enquiries related to offers and policies .	I can get the solution for our queries .	Low	Sprint-2
Administrator	Invoice	USN-9	User will finish the payment details after the car has been selected.	I have to fill the payment details that is card details for payment.	High	Sprint-1