

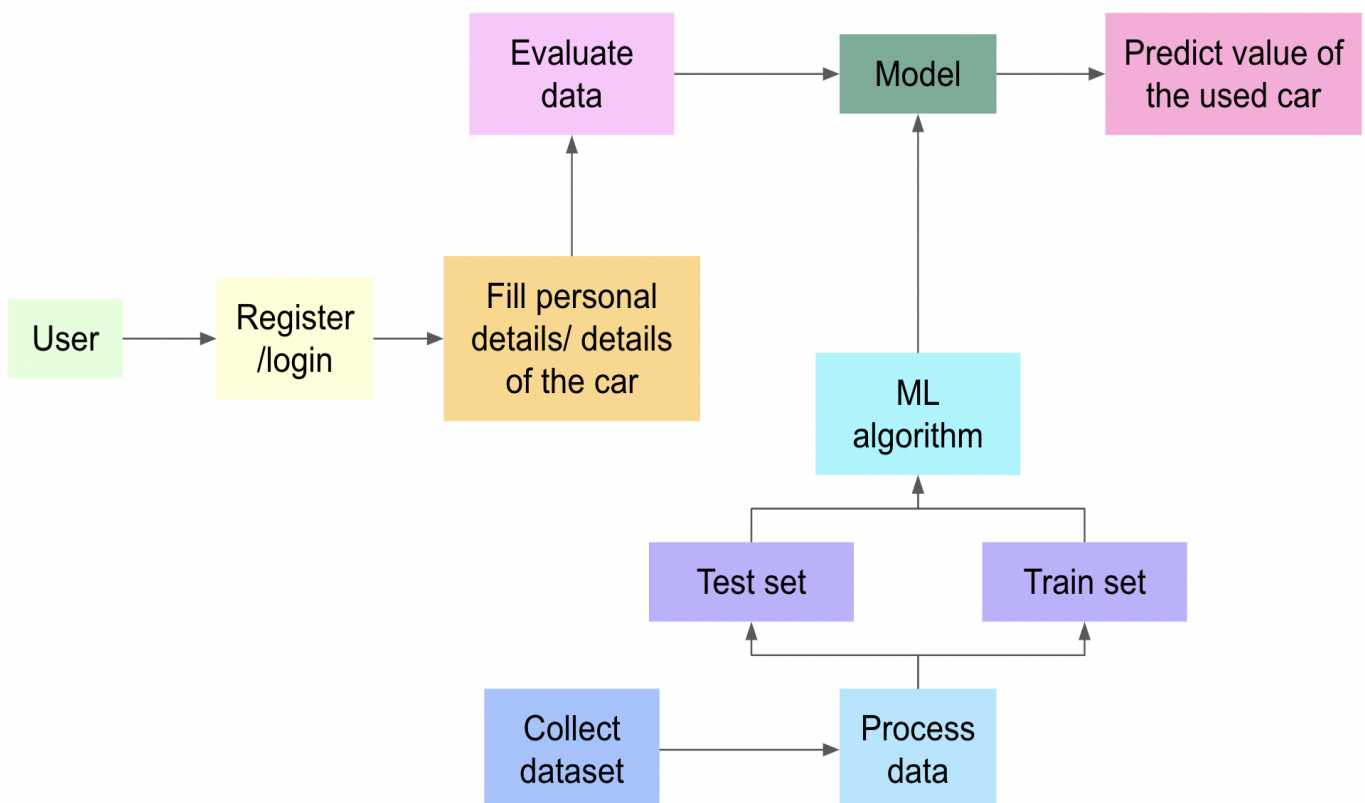
## Project Design Phase-II

### Data Flow Diagram & User Stories

|               |                                       |
|---------------|---------------------------------------|
| Date          | 08 October 2022                       |
| Team ID       | PNT2022TMID00170                      |
| 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.



## User Stories

Use the below template to list all the user stories for the product.

| User Type               | Functional Requirement (Epic) | User Story Number | User Story / Task  | Acceptance criteria   | Priority | Release  |
|-------------------------|-------------------------------|-------------------|--|---|----------|----------|
| Customer (Mobile user)  | Registration                  | USN-1             | As a user, I can register for the application using my email ID or mobile number, password, and a confirmation password.       | I can access my account / dashboard   | High     | Sprint-1 |
|                         |                               | USN-1             | As a user, I will receive confirmation email once I have registered for the application  | I can receive confirmation email to confirm the given mail ID using an OTP/ an OTP to confirm the mobile number   | High     | Sprint-1 |
|                         |                               | USN-2             | As a user, I can register for the application through Google   | I can register & access the dashboard with Google Login   | Low      | Sprint-2 |
|                         | Login                         | USN-3             | As a user, I can log into the application by entering email & password   |   | High     | Sprint-1 |
|                         | Dashboard                     | USN               | As a user, I can enter the home page after I have logged in  | I can enter/edit my personal details and my preferences   | High     | Sprint-1 |
|                         | Car details                   | USN               | As a user, I should enter the details of the car I wish to sell  | I have to enter the year I purchased the car, pictures of the car, disclose any engine problem or any other problems with the working etc.                | High     | Sprint-1 |
| Customer Care Executive | Queries and Helpline          | USN1-             | As a user, if I have any trouble with the application I can contact the customer care  | I can contact customer care if I face any issues with the application, have any queries or facing any trouble with the buyer or seller I am dealing with. | Medium   | Sprint-3 |
| Administrator           | Data gathering                |                   | As an admin, I should gather data on the recent trends of the market   | I can use this data to produce a more accurate prediction on the price of a car in the current market   | High     | Sprint-2 |
|                         | Model Building                |                   | As an admin, I need to analyze and choose an algorithm that gives me the highest accuracy. I should train and test the dataset | I can try a few algorithms and check which gives me better accuracy   | High     | Sprint-3 |

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task   | Acceptance criteria  | Priority | Release  |
|-----------|-------------------------------|-------------------|---|--|----------|----------|
|           | Predict                       |                   | As an admin, I need to predict the price of the used car.                                 | I can predict the price with accuracy  | High     | Sprint-4 |
|           | Security                      |                   | As an admin, I need to provide security for the user and for the data the user has shared | I can provide security for the data provided by the user by allowing only necessary people to be able to view it | High     | Sprint-4 |