Project Design Phase-II
Data Flow Diagram & User Stories

Date	05-NOV-2022
Team ID	PNTIBMLt39
Project Name	Project - Car Resale valuePrediction
Maximum Marks	4 Marks

Data Flow Diagrams:

The classic visual representation of how information moves through a system is a data flow diagram (DFD). A sleek and understandable DFD can graphically represent the appropriate quantity of the system demand. It demonstrates how information enters and exits the system, what modifies the data, and where data is maintained.

```
Dataset  ──────▶  Collect
                  Dataset
                      │
                      ▼
              Data Pre-processing ──────────────────────┐
                   │          │                          │          Car Seller
         ┌─────────┘          │                          │              │
         ▼                    ▼                          ▼              ▼
  Linear Regression    Lasso Regression          Ridge Regression     User
                                                                     Interface
                          │                                             │
              ┌───────────┴───────────┐                                 ▼
              ▼                       ▼                                 Web
      Testing Dataset           Training                          Application
                                Dataset        ◀── Input ──────
              │      Modelling      │                                    │
              └──────────┬──────────┘                                    │
                         ▼                                               │
                   Select the      ◀───────────────────────── Output
                   best model                                        │
                                                              Display the
                                                               predicted
                                                                 price
```
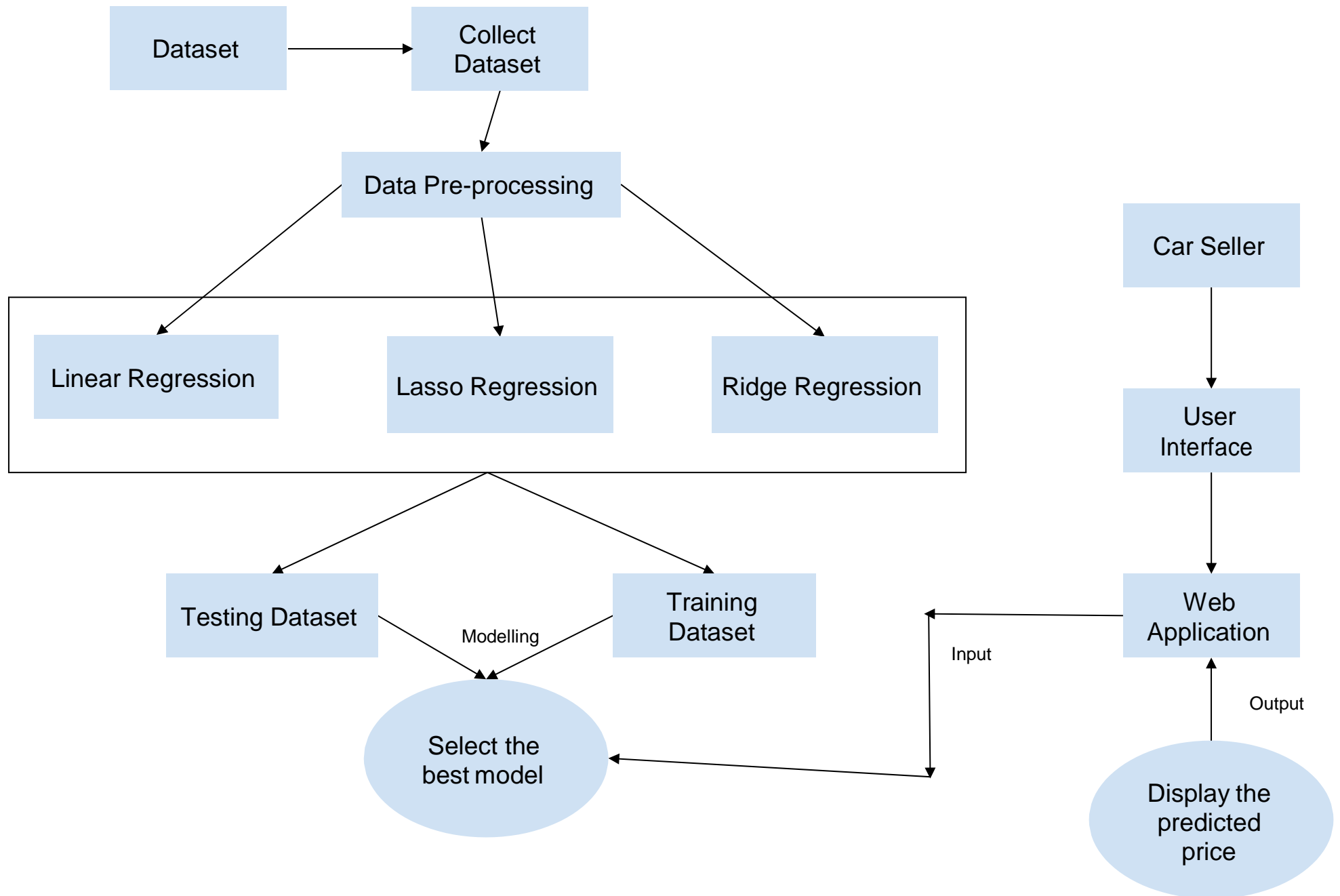
User Stories

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	User can register for the application by entering username, email, password and confirming password, phone number.	I can get an idea about how car resale works	Low	Sprint-3
		USN-2	User will receive confirmation email once registered for the application.	Verify the registered account.	High	Sprint-1
		USN-3	Validation of the user can be done directly using Gmail.	Account validated and got access to dashboard	Low	Sprint-2
	Login	USN-4	Enter the Username and Password to login to the application.	Right account credentials should be entered	Medium	Sprint-1
	Dasboard	USN-5	User can view the detail about the website	.	High	Sprint-2
		USN-6	User can view the account details and history	User should be verified	Medium	Sprint-2
Customer (Web user)		USN-7	User can give the feedback on the accuracy of the prediction and on the user interface		High	Sprint-2
Core development team	Core function	USN-8	Design Develop the application in the way of the best user interface and maintenance should be take care	Easy and selfunderstandable user interface	High	Sprint-2
Administrator		USN-9	The website should be responsive on all the device and the screen size	User experience should be good responsive of the device	Medium	Sprint-3
		USN-10	Collect the dataset and process the data		High	Sprint-3
User in website	Enter the detail about car	USN-8	User should enter the information about the car.	Entered data should be correct	High	Sprint-4
		USN-11	User can view the prediction value		High	Sprint-4