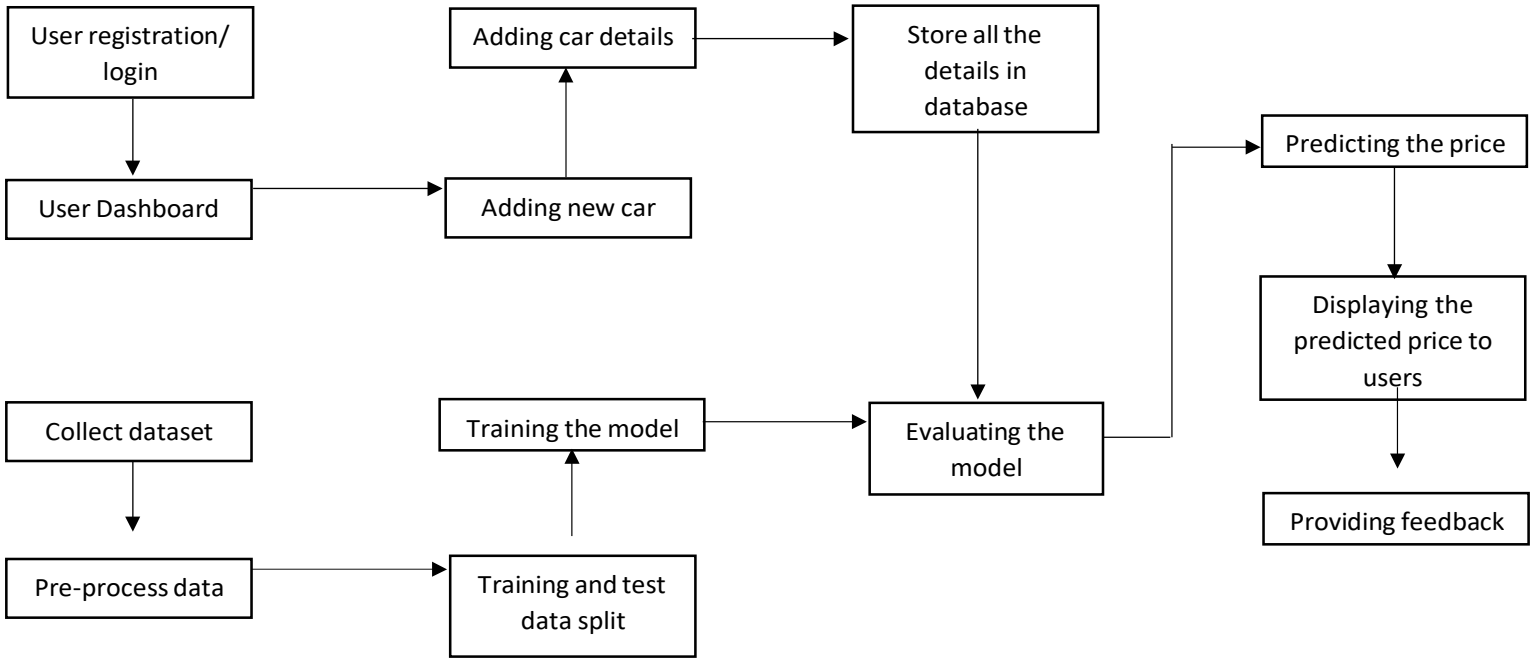
Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID53467
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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Admin	Dataset	USN-1	Collect the required data for the Car resale prediction.	Enough data collected for training model	High	Sprint-1
	Data preprocessing	USN-2	Perform data cleaning to optimize the dataset	Clean Dataset enough to make correct predictions	High	Sprint-1
	Training & Building Model	USN-3	Build the model using regression algorithms to classify the data	Model should be predicting prices with acceptable accuracy	High	Sprint-1
	Deploy the model	USN-4	Deployment of ML model using IBM Cloud	Model should be working fine from the cloud	High	Sprint-2
	Integrate the web app with the IBM model	USN-5	Use flask for the integration purpose.	Model should be easy to use & working fine from the web app.	High	Sprint-2
Customer	Homepage	USN-6	Details about the application and the car resale process	I can get an idea about the app	Medium	Sprint-2
	Registration	USN-7	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-3
		USN-8	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email	High	Sprint-3
	Login	USN-9	As a user, I can log into the application by entering email & password	I can login to my account	High	Sprint-3
	Dashboard	USN-10	As a user, I can add new cars and get access to insert and update their details	I can add new cars	Medium	Sprint-4
	Car Details	USN-11	As a user, I should give the car details like car model, engine and fuel type, etc…	Car details should be accepted & taken for further processing	High	Sprint-4
	Car Price	USN-12	As a user, I can view the current rate of the used car price	Car Prices must be shown based on the predicted result by the model	High	Sprint-4