

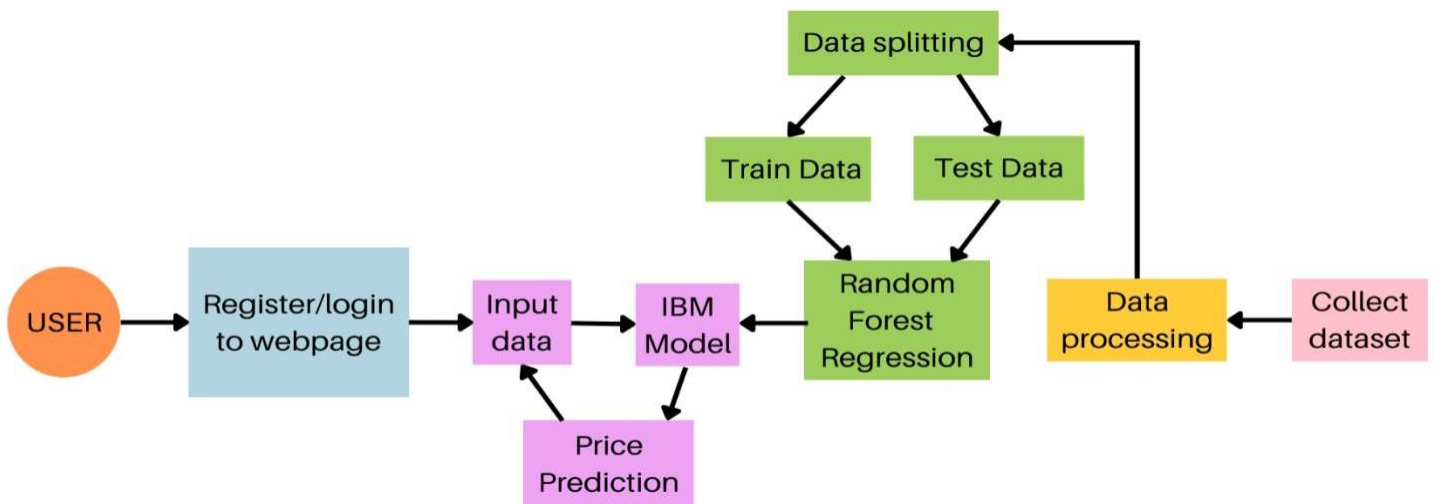
Project Design Phase-II

Data Flow Diagram & User Stories

Team ID	PNT2022TMID44603
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 (Web user)	HomePage	USN-1	Description about car resale Process	I can get an idea about how car resale works.	Low	Sprint-3
		USN-2	Details about the required data		Low	Sprint-3
	Registration	USN-3	As a user, I can register for the application by entering my username, email, phone number, and password, and confirming my password and verify it.	I can access my account.	Moderate	Sprint-3
		USN-4	As a user, I will receive a confirmation mail once I have registered for the application.	I can receive a confirmation OTP upon registration for verification.	High	Sprint-3
	Login	USN-5	As a user, I can log in to the web application by entering my email id & password.	I can log in successfully.	High	Sprint-2
	Main Page	USN-6	As a user, I submit my car model with release date.	I can access the page and can submit the car details.	Moderate	Sprint-4
	Price prediction	USN-7	The predicted resale price for the given car model will be displayed.	I got a predicted resale price successfully for my car model.	High	Sprint-4
Admin	Data collection	USN-8	Collect the required data for the Car resale prediction.		High	Sprint-1
	Data preprocessing	USN-9	Clean and analyze the data to avoid duplications	As a result I get the desired dataset to get trained.	High	Sprint-1
	Model Building	USN-10	Build the model using a Random forest regression to classify the data.	Successfully trained the model.	High	Sprint-1
	Deploy the model	USN-11	Deployment of ML model using IBM Watson Studio, object storage.	Deployed successfully.	High	Sprint-2
	Integrate the web app with the IBM model	USN-12	Use flask for the integration purpose.	Created the web app successfully.	Moderate	Sprint-2