Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 -11-2022
Team ID	PNT2022TMID25799
Project Name	Car Resale value Prediction
Maximum Marks	4 Marks

Data Flow Diagrams:

1.The user should register on web application using mail ID and password and get verified.

2.User should enter the car details such as model, variant and some other factors.

3.The data given by the user is taken as a input and will get stored in the IBM cloudant database.

4.The application is build up to predict the value of the car.

Data Flow Diagram:
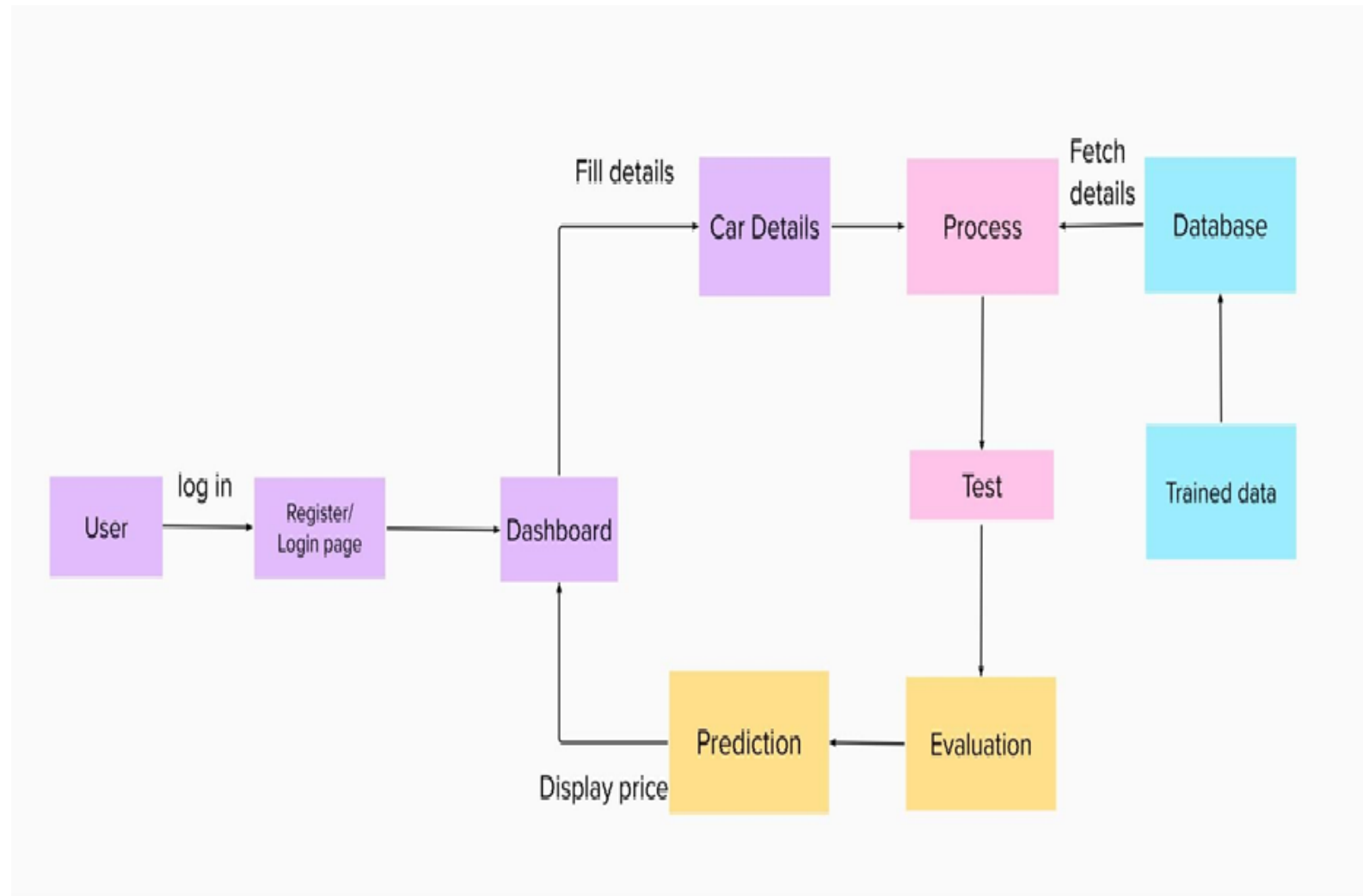
User Stories

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
Admin	Dataset	USN-1	Gather the information needed to make the car resale prediction.	enough data has been gathered to train the 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 algorithmsto classify the data	Model should be used for Predicting perfect valuation of the car.	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.	The model ought to be simple to use and reliable on the web application.	High	Sprint-2
Customer	Homepage	USN-6	Information on the application and the process for selling used cars	We can get an idea about how to use these model.	Medium	Sprint-2
	Registration	USN-7	User can register the application by entering email, password, and confirming my password.	user can access my account /dashboard	High	Sprint-3
		USN-8	user will receive confirmation email.jonce they have registered for the application	user can receive confirmationemail	High	Sprint-3
	Login	USN-9	user can log into the application by entering email & password	user can login to my account	High	Sprint-3
	Dashboard	USN-10	User can add new cars and get access to insert and update their details	user can add new cars	Medium	Sprint-4
	Car Details	USN-11	user should give the required car details like carmodel, kilometer driven,manufactured year, etc…	After filling the car's details and taking them for further processing.	High	Sprint-4
	Car Price	USN-12	The price of a used car can be displayed and seen by the user.	Car prices must be displayed depending on the data provided by the user.	High	Sprint-4