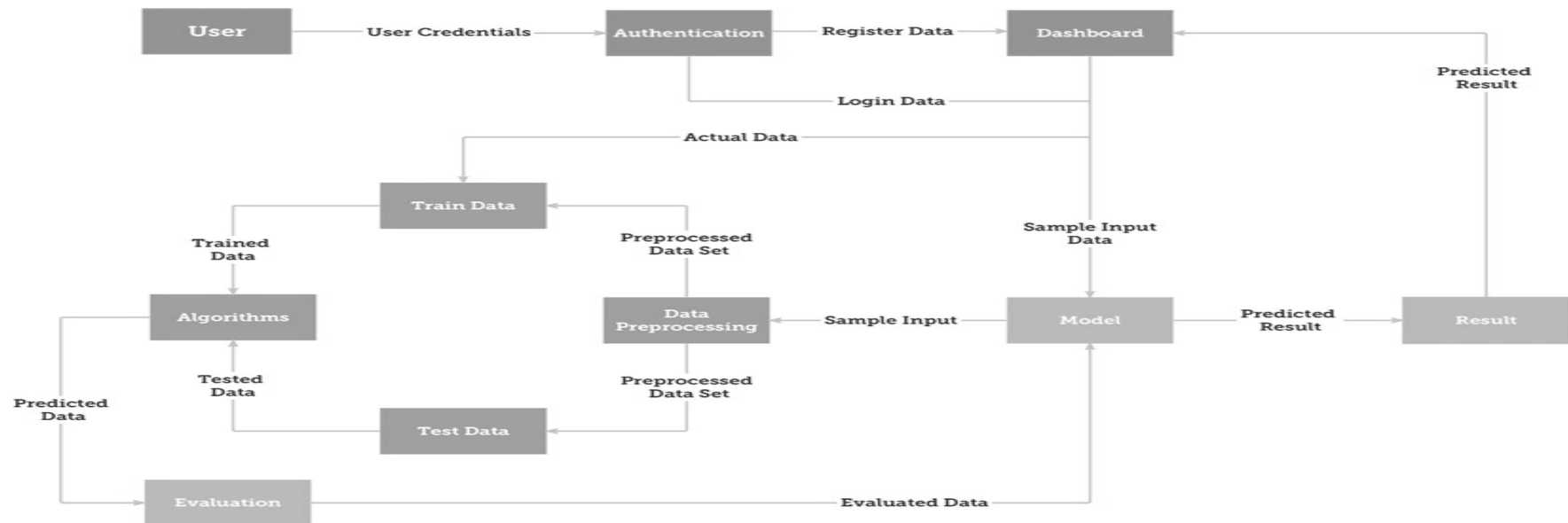


Project Design Phase-II Data Flow Diagram & User Stories

Date	14 October 2022
Team ID	PNT2022TMID25555
Project Name	Trip Based Fuel Consumption Modeling of modern fleet vehicles using machine learning
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
Customer	Registration/Login	USN-1	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
	Dashboard	USN-2	Once I enter the dashboard I can input values for a single sample prediction	I can predict for single sample	High	Sprint-1
Customer(Organization)		USN-3	Once I enter the dashboard I can input values via excel sheet for multiple sample prediction	I can perform multiple sample prediction	Medium	Sprint-2
		USN-4	As a user I can get visual representation of the prediction	I can have different forms of output	High	Sprint-1
		USN-5	As a user I can view the detailed report of my prediction	I can access details of my process and prediction	Medium	Sprint-1
	Documentation	USN-6	As a user I can refer the documentation for support and guidance	I can use user manual for guidance	Medium	Sprint-1,2,3,4
Developer	Settings	USN-7	As a developer I can access dashboard's settings and view the API token	I can view the API token for creating request such as predicting, downloading report, etc.,	Low	Sprint-4
		USN-8	As a developer I can use the API token to send request to server	I can send request to server along with token	Medium	Sprint-4