

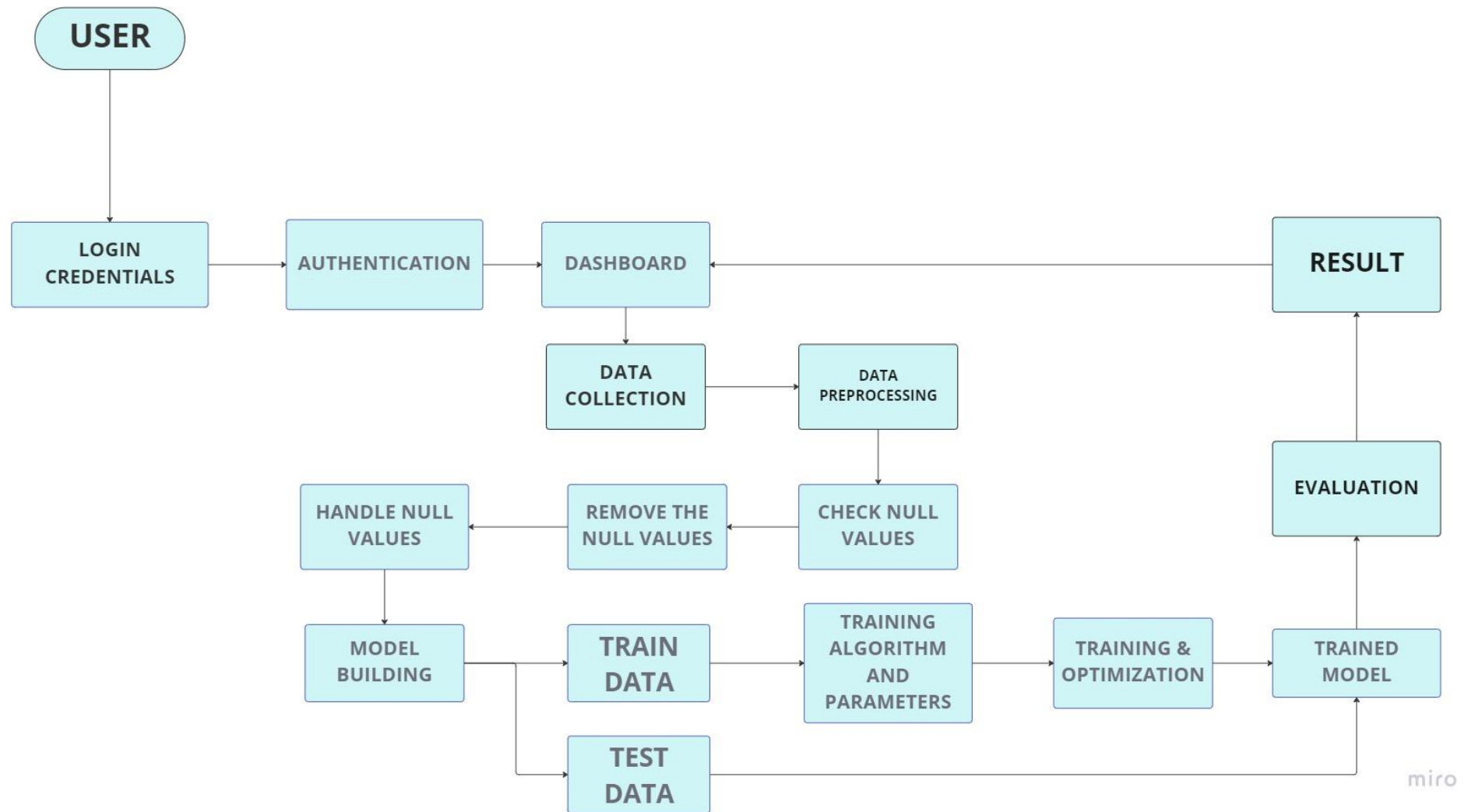
Project Design Phase-II
Data Flow Diagram & User Stories

Date	10 October 2022
Team ID	PNT2022TMID01039
Project Name	Project – Trip based modeling of fuel consumption in 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.

Example:



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	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-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register and access the dashboard with G-Mail account	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can successfully able to login to the application	High	Sprint-1
	Dashboard					
Customer (Web user)	Input from user	USN-6	Once I entered the dashboard, I can give input values for prediction	I can provide multiple input data	High	Sprint-1
Customer Care Executive		USN-7	As a user, I can get the visual idea of how the fuel is consumed	I can visualize data in different forms	Medium	Sprint-2
Administrator		USN-8	As a user, I can see the detailed information of how the fuel is consumed and the prediction of fuel consumption	I can get detailed information of the prediction process	High	Sprint-2
		USN-9	As a user, I can get guidelines and suggestions to further reduce the fuel consumption	I can get the guidelines to reduce the fuel consumption based on the prediction	Low	Sprint-3
	Final results to the user	USN-10	As a user, finally I get the results from the trained model after the completion of prediction process	I can see the final results after prediction	High	Sprint-3