

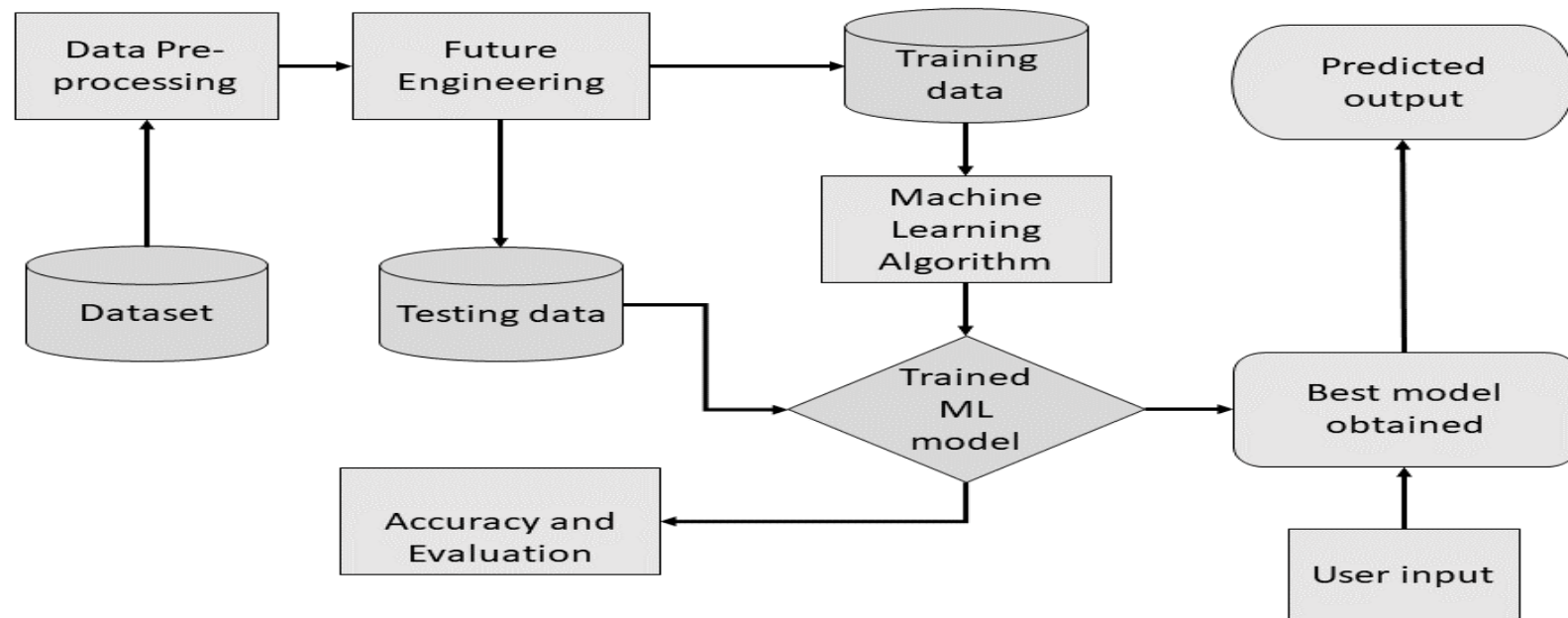
Project Design Phase-II

Data Flow Diagram & User Stories

Date	03 November 2022
Team ID	PNT2022TMID29843
Project Name	Developing a flight delay prediction model 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

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)	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 Gmail	I can register & login by providing Gmail with access permission	Medium	Sprint-2
	Login	USN-4	As a user, I can register for the application by entering mail and password	I can login using my registered mail id and password	High	Sprint-1
	Dashboard	USN-5	As a user, I can access the dashboard which provide data to predict flight delay.	Can provide valid input data	High	Sprint-2
	Logout	USN-6	As a user, I can logout by clicking logout button	I can logout my account from website	High	Sprint-1
	Prediction	USN-7	As a user, I can prediction result through dashboard by integrated ML Model	I can get prediction by giving valid input	High	Sprint-3
Customer Care / support	Query/ complaint raise	USN-8	As a user, I can raise Query or complaint about technical issues	If raised query valid or true then resolve and response, else explain the missing understanding	Medium	Sprint-4
	Feedback/ rating	USN-9	As a user, I can give feedback and rating to the application	Support team accept the feedback , try to improve application.	Medium	Sprint-4
Administrator	Maintain	USN-10	Administrator maintain the database and overall application	Punctual maintenance	High	Sprint-4
Developer	Testing	USN-11	As a developer, I test the application which I have developed	I test the application for checking errors and rectify it	High	Sprint-1,2,3,4