

Project Design Phase-II Data Flow Diagram & User Stories

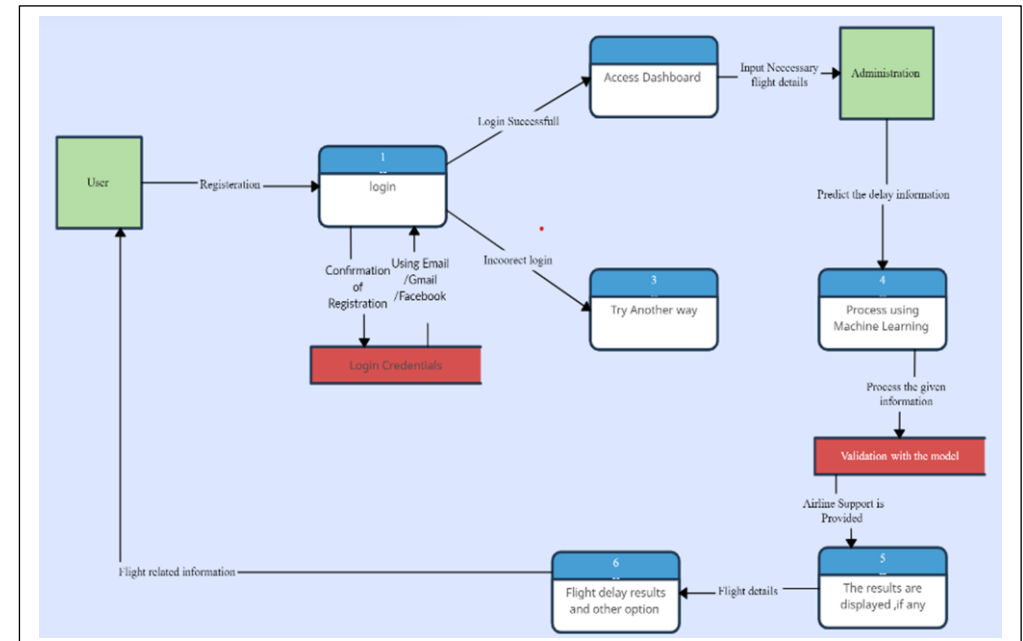
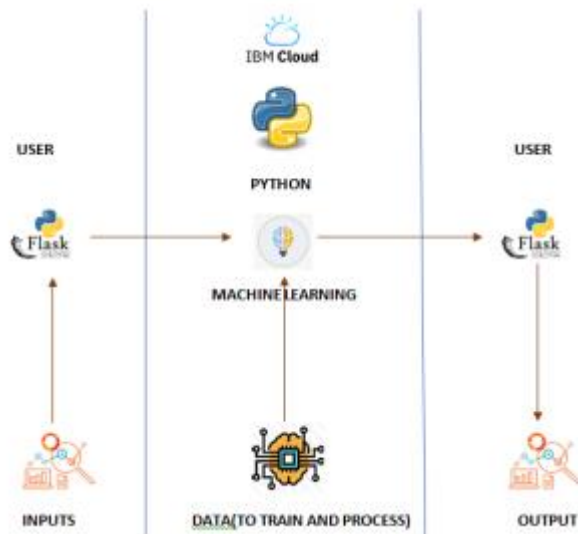
Date	10 October 2022
Team ID	PNT2022TMID54546
Project Name	Project – Developing a flight prediction tool using machine learning
Maximum Marks	4 Marks

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.

DFD Level 1 (Industry Standard)

Example: (Simplified)



USER STORIES

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 through Gmail	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can login into the application by using email and password	High	Sprint-1
	Dashboard	USN-6	As a user, I can able to access the dashboard after successfully login	I can access the dashboard after login	High	Sprint-2
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 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 through Gmail	Medium	Sprint-1
		USN-5	As a user, I can log into the application by entering email & password	I can login into the application by using email and password	High	Sprint-1
Customer Care Executive	Airline Support	USN-1	As a user ,I want to contact the customer care whenever I find a need	I can contact the customer care easily and services are also provided quickly	High	Sprint-3
Administrator	Data processing and prediction	USN-1	As a user, I want to predict and analysis the data correctly to provide the results	I can receive the results accurately and precisely	High	Sprint-4

