

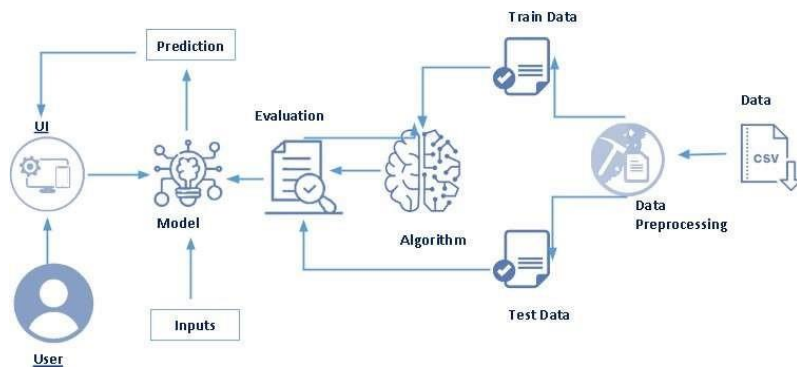
Project Design Phase-II Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID18451
Project Name	Project - Developing a Flight Delay Prediction Model Using Machine Learning
Maximum Marks	4 Marks

Data Flow Diagrams:

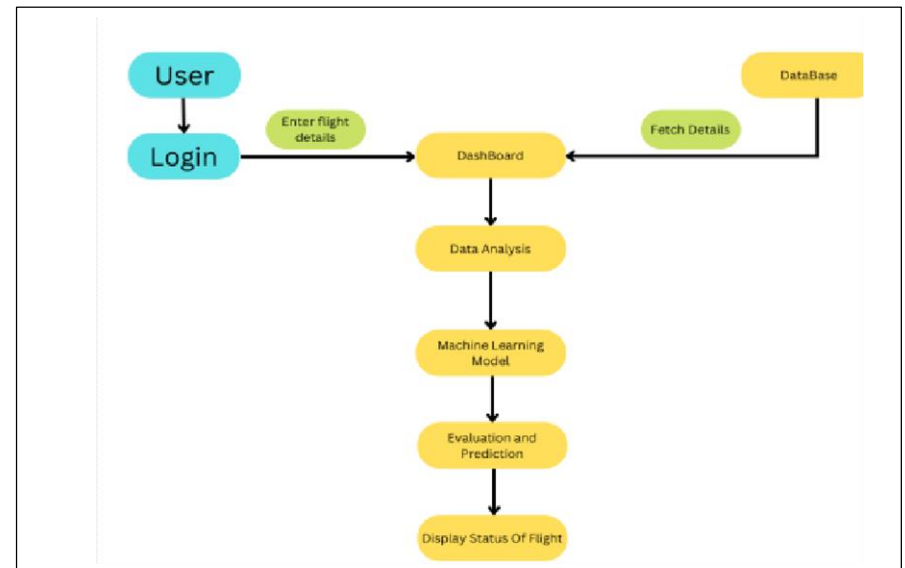
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: [\(Simplified\)](#)



User Stories

Example: DFD Level 0 (Industry Standard)



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		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-6	As a user, I can check the status of the flight by entering the details of the flight		High	Sprint-1
Customer (Web user)	Screen Space	USN-7	As a web user, I have a better vision of the website	I can engage well with the website	High	Sprint-1
Customer Care Executive	Communication	USN-1	As a customer care executive, I need to be clear in my responses.	User will have a good understanding of the website	High	Sprint-2
	Knowledge	USN-2	As a customer care executive, I need to have extensive knowledge about the website	Allows use and growth of the website.	High	Sprint-2
Administrator	Overall Management	USN-1	As an administrator, I have to look after the working of the website	The website is protected from unauthorized entry	High	Sprint-3
	Security	USN-2	As an administrator, I would identify if the given user is valid.	User will comprehend the website better	High	Sprint-3