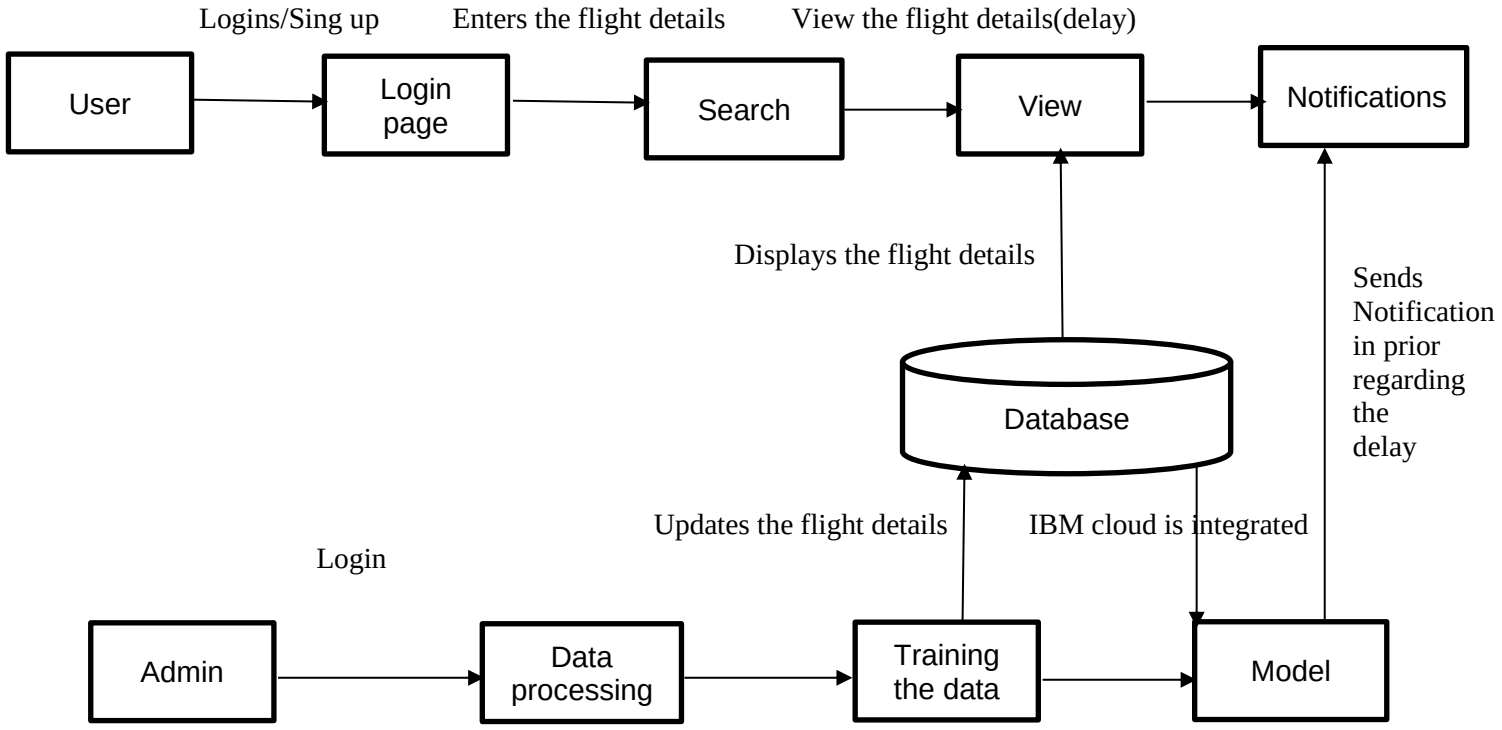
Project Design Phase-II
Data Flow Diagram & User Stories

Date	21october2022
Team ID	PNT2022TMID41183
Project Name	Project – Flight Delay Prediction Using Machine Learning
Maximum Marks	4 Marks

Data Flow Diagrams:



User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User story/Task	Acceptance Criteria	Priority	Release
Customer (Web user)	Registration	USN - 1	As a user, Ican registerfor the application by entering my email, password, and confirming my password.	I can accessmy 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, Ican registerfor the application throughGmail		Medium	Sprint-1
	Login	USN-4	As a user, Ican log intothe app by entering email and password	I can access thedashboard	High	Sprint-1
	Search	USN-5	As a user, Ican search for flights with destination location.	I can search for different flights.	High	Sprint-2
	View	USN-6	As a user, Ican view the details of the flights.	I get the information such as flight no, departure and arrival time, etc.	High	Sprint-3
	Notifications	USN-7	As a user, Iwill receive notifications about the flight.	I get frequent updates ofthe flight's time of arrival and departure.	Moderate	Sprint-2
Admin	GPS	USN-8	As an admin, I need the location of flights	I can trackthe flights	Low	Sprint-4
	Data processing	USN-9	As an admin, I will analyse the given dataset.	I can analyse thedataset.	High	Sprint-1
	Data training	USN-10	As an admin,I will train the data using various machine learning algorithms.	I can train the data using various machine learning algorithm	High	Sprint -1
	Deploy	UNS-11	Deployment of the model using IBM Watson cloud	Deploying the model using IBM cloud	High	Sprint-2