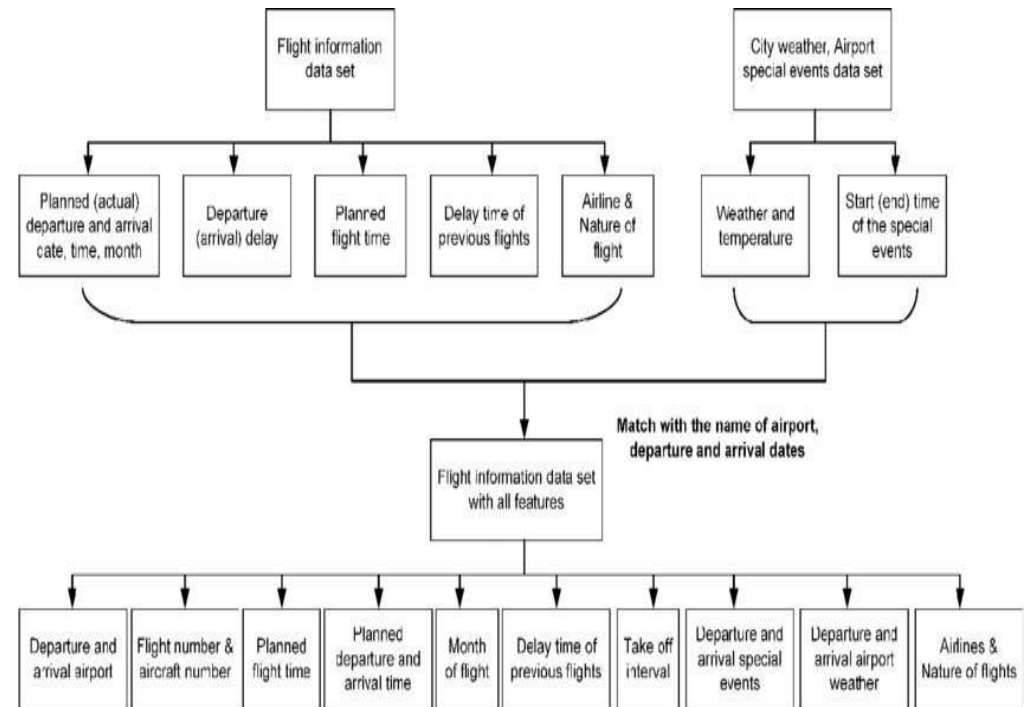
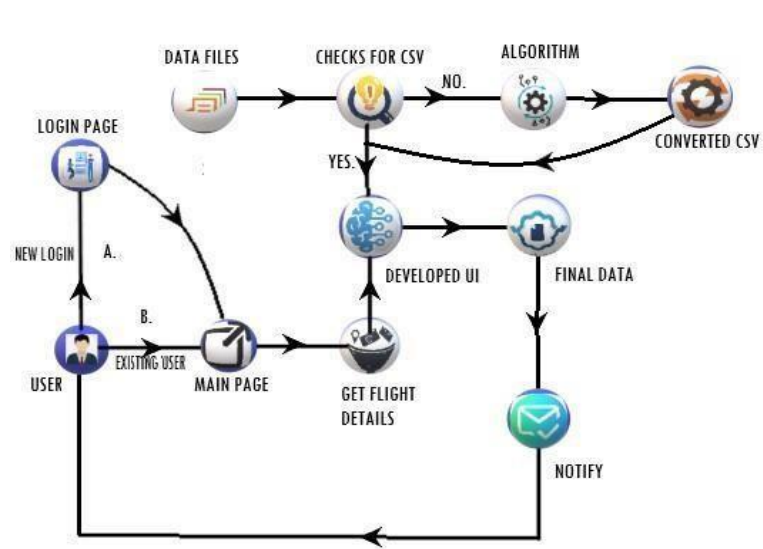


Project Design Phase-II
Data Flow Diagram & User Stories

Date	27 October 2022
Team ID	PNT2022TMID29701
Project Name	Project – Flight Delay Prediction using ML
Maximum Marks	4 Marks

Data Flow Diagram



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Data process	Data pre-processing	USN-1	Collecting data or downloading data to pre-process it	Pre-process the collected data to apply it in Algorithm for evaluation	High	Sprint-1
	Evaluation	USN-2	Evaluating the given data by required Algorithm to predict delay	Predicting the data for delays	High	Sprint-1

Build Model	Model	USN-3	Build the Model by training and testing	Create a Model in environment and deploy in IBM Cloud	Medium	Sprint-2
	UI Model deployment	USN-4	Deploy the Model in UI environment provided by IBM	Deploy the Model in IBM cloud and Watson	Medium	Sprint-2
Build Application	Source code	USN-5	Create the web page codes in HTML, CSS	Run the source codes in any of the venv	High	Sprint-3
	Flask code by Python	USN-6	Develop a Python code file to integrate with Flask	Run the Python code to test the Model	High	Sprint-3
Flask Integration and Prediction	Integrate Flask	USN-7	Integrate Flask using Scoring End	Run the Flask file in prompt	High	Sprint-4
	Predicting the delay	USN-8	Predict the Delay to view	Predicted values has been viewed	High	Sprint-4