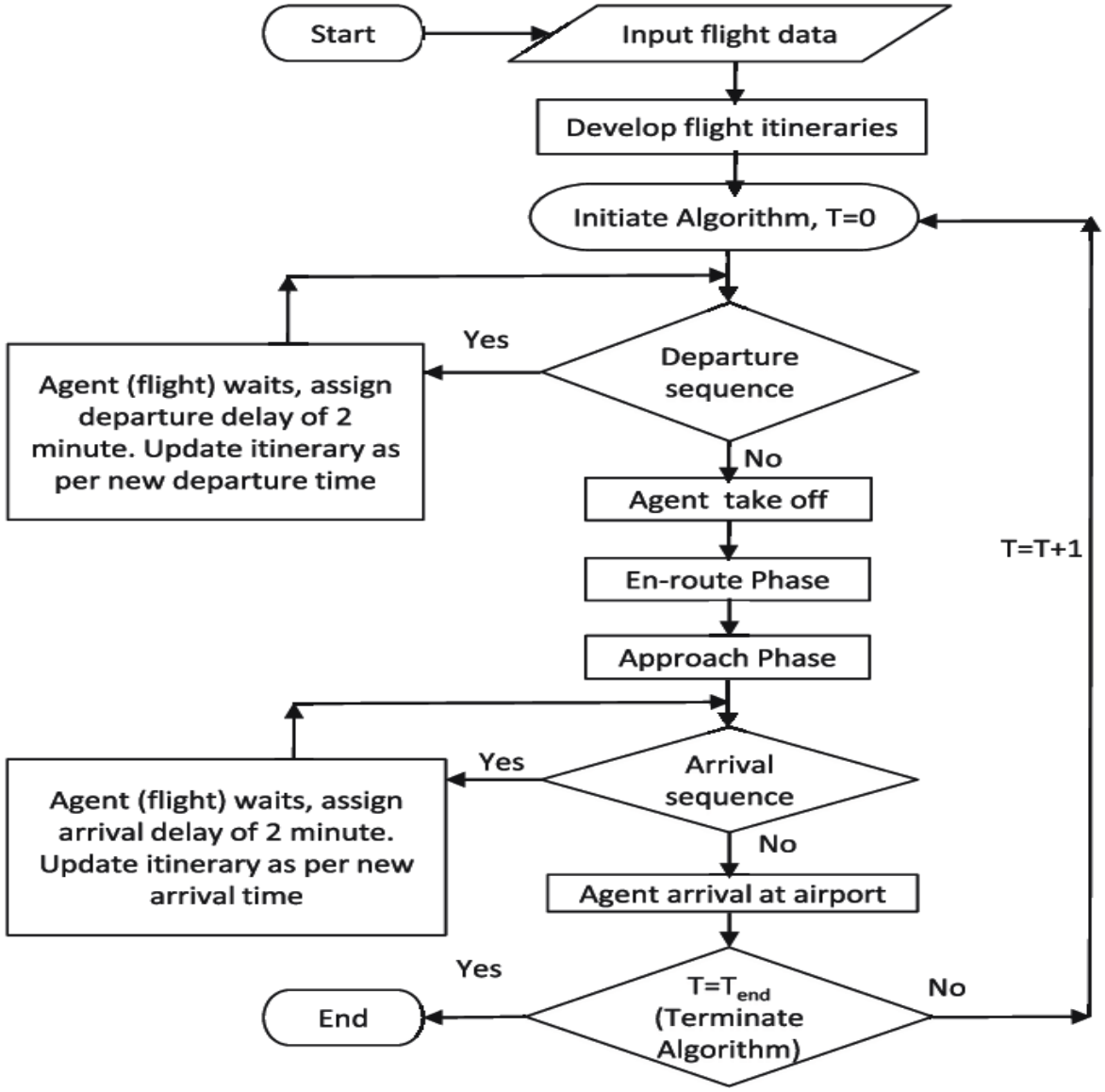
Project Design Phase-II
Data Flow Diagram & User Stories

Date	17 October 2022
Team ID	PNT2022TMID00517
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.


Start
Input flight data
Develop flight itineraries
Initiate Algorithm, T=0
Departure sequence
Yes
Agent (flight) waits, assign departure delay of 2 minute. Update itinerary as per new departure time
No
Agent take off
En-route Phase
Approach Phase
T=T+1
Arrival sequence
Yes
Agent (flight) waits, assign arrival delay of 2 minute. Update itinerary as per new arrival time
No
Agent arrival at airport
T=T_end (Terminate Algorithm)
Yes
End
No

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)	Dashboard and search	USN-1	As a user, I can search for flights with the flight's details like it's number	I can receive informations about flights	High	Sprint-1
	View	USN-2	As a user, I can view the details of the flights	I get the flight details like it's arrival and departure time, etc	Medium	Sprint-2
	Display	USN-3	As a user, I can see the predicted flight delay	I get the information about how long the flight gets delayed	High	Sprint-2