

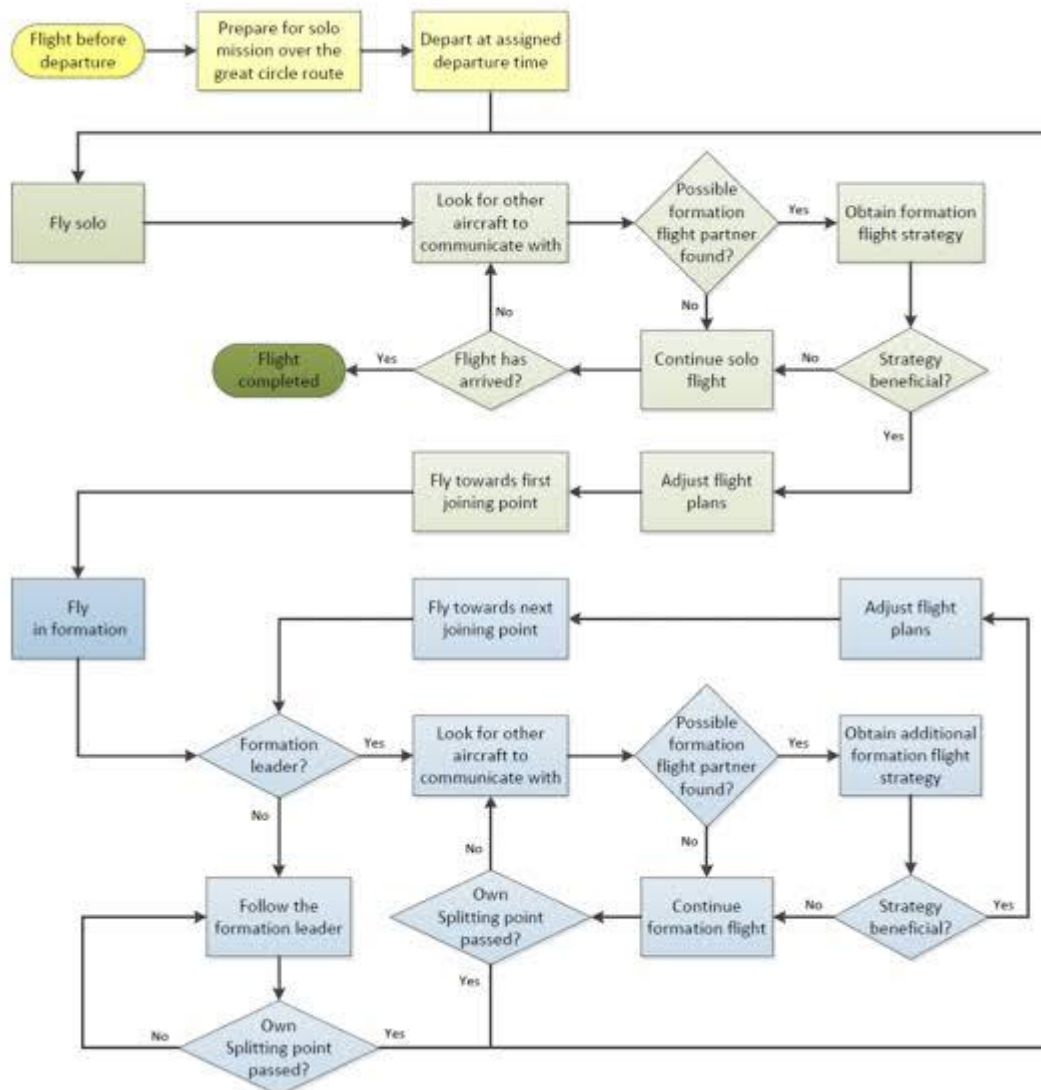
Project Design Phase-II Data Flow Diagram & User Stories

Date	14 October 2022
Team ID	PNT2022TMID32270
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

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)	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 Gmail	I can register & access the dashboard with Gmail Login	Medium	Sprint-2
	Login	USN-5	As a user, I can log into the application by entering email & password	I can choose the flight	High	Sprint-1
	Dashboard	USN-6	As a user, I can view the details include my profile and Flights details	I can update my profile and choose the Flight	High	Sprint-2
	Fly Solo	USN-7	As the admin, looking for other aircraft to communicate with flight partner.	I can update the possible formation flight.	High	Sprint-1
	Selection	USN-8	As a user, I can confirm the available flights or re-booking to other flights	I can select the flight	High	Sprint-3
	Queries	USN-9	As a user, I can ask	I can ask queries	Medium	Sprint-4

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
			queries to the system regarding the helps/supports or technical issues			
Administration	Authentication	USN-10	As a admin ,I can authenticate the login credentials of user	I can access all the user details	High	Sprint-1
	Dashboard	USN-11	As a admin ,I can verify the details of the user	I can confirm the user updating details	High	Sprint-2
	Prediction	USN-12	As a admin ,I can predict the user details with ML algorithm	I can predict the data	High	Sprint-2
	Solution	USN-13	As a admin ,I can solve the queries of users	I can solve the queries	High	Sprint-4