

Project Design Phase-II
Data Flow Diagram & User Stories

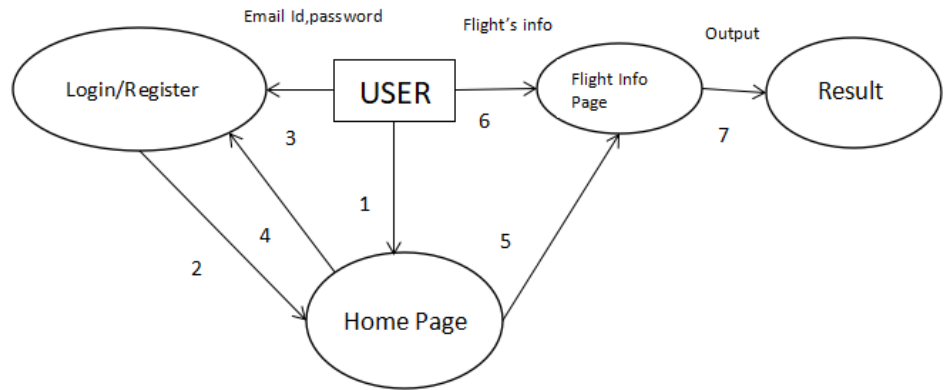
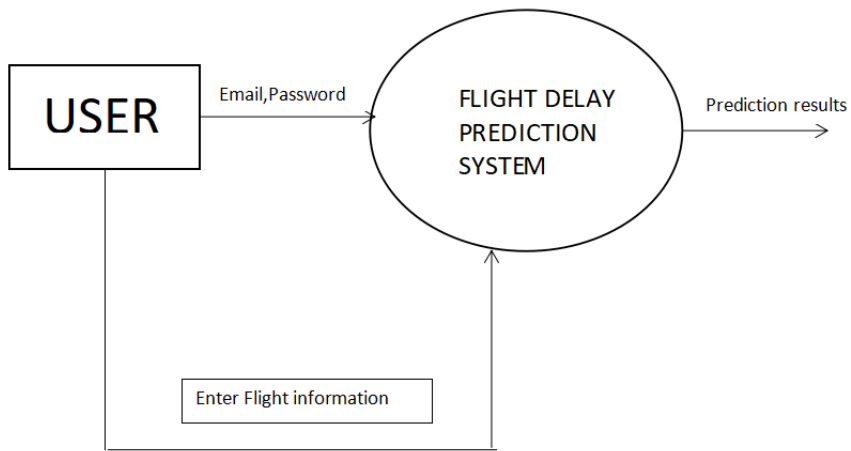
Date	03 October 2022
Team ID	PNT2022TMID32340
Project Name	Project – Developing a Flight Delay prediction model using Machine Learning
Maximum Marks	4 Marks

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.

0th LEVEL DFD :

1st Level DFD :



1st Level DFD Data flow:

1. User opens the application the homepage will be displayed.
2. User open the login/Register page from Homepage.
3. User enters email,password for Registering.
4. User is redirected to the Homepage once they Login.
5. User opens the Flight info page from homepage
6. User enters the Flight information for prediction.
7. Result will be displayed in the result page.

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 (Mobile user)	HomePage	USN - 1	Flight Delay prediction	I can view /access my homepage.	Low	Sprint - 3
		USN - 2	Information about Flight required for prediction		Low	Sprint - 3
	User Registration	USN - 3	Enters Mail ID and other personal details required for Registering.	I can successfully register using my email id.	Medium	Sprint - 2
	User Login	USN - 4	Uses Mail ID and Password for login	I have successfully logged in.	Medium	Sprint - 2

	Test Vitals Form	USN - 5	Flight's info should be entered for prediction	I can check the Flight's current status .	High	Sprint - 1
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User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Result	USN - 6	Results will be displayed.	I got my result Successfully for prediction.	High	Sprint - 1
		USN - 7	•Shows the Flight's current status , and predicts the delay.	I got useful information	High	Sprint - 4
