Project Design Phase-II
Data Flow Diagram & User Stories

Date	01 NOVEMBER 2022
Team ID	PNT2022TMID45564
Project Name	Developing a Flight Delay Prediction Model using Machine Learning
Maximum Marks	4 Marks

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┌──────────┐        ┌──────────────┐        ┌──────────────┐
│ Dataset  │ ─────> │     Data     │ ─────> │   Feature    │
│          │        │ Preprocessing│        │  Selection   │
└──────────┘        └──────────────┘        └──────────────┘
                                                    │
                                                    ▼
┌──────────────┐    ┌──────────────┐        ┌──────────────┐
│ Performance  │<───│    Model     │<───────│  Test Train  │
│  Evaluation  │    │   Building   │        │    Split     │
└──────────────┘    └──────────────┘        └──────────────┘
                           ▲
                           │
                    ┌──────────────┐
                    │  User Input  │
                    └──────────────┘
```
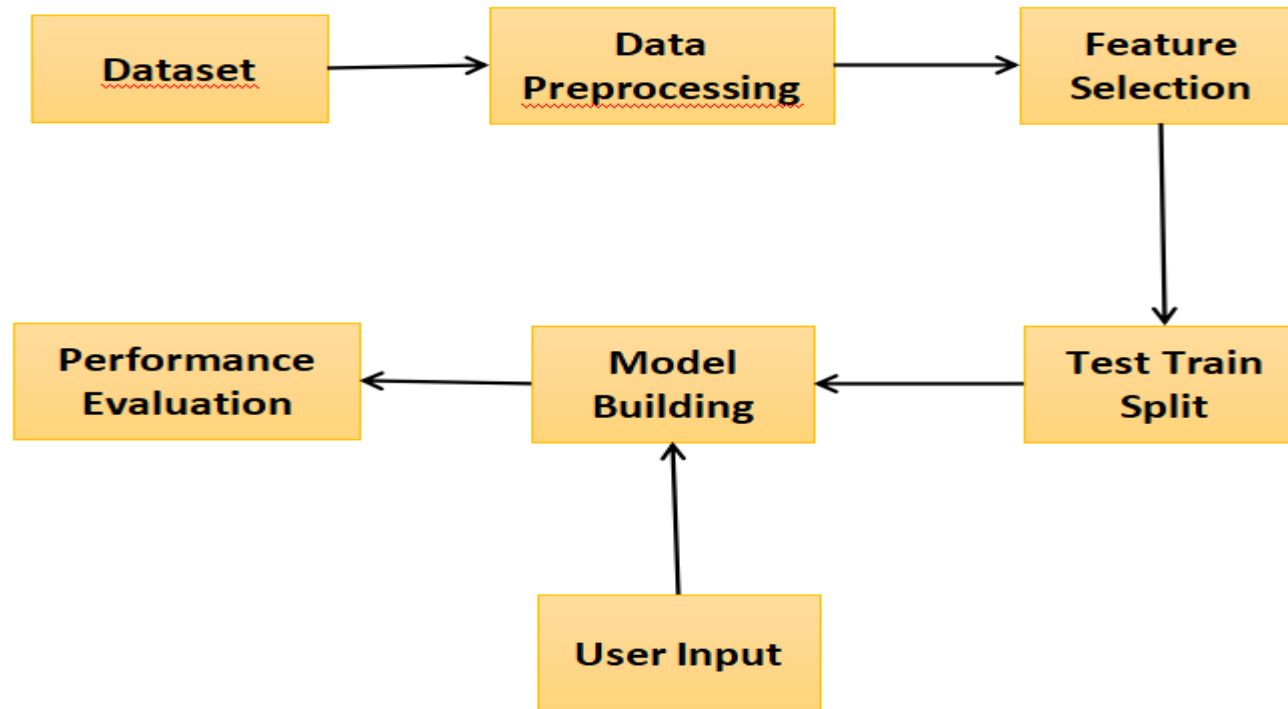
User Stories

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)	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 Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register successfully with gmail login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can login using my email and password	High	Sprint-1
	Dashboard	USN-6	As a user, I can use the dashboard to enter the details of my flight like arrival time, flight id,destination,source place,etc…	I can enter the details into the textfield	High	Sprint-2
Customer (Web user)	Predict Delay	USN-7	As a user , I can use this button to calculate or predict the delay of my flight	I can push the button to get the result	High	Sprint-2
Customer Care Executive	Feedback Section	USN-8	As a user , I can give my feedback in this section	I am able to give my feedback.	Medium	Sprint-3
Administrator	Maintenance	USN-9	As an administrator,I can be able to monitor all the tasks going on and can modify any changes	I can have the control to all section to modify anything.	Medium	Sprint-4