Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID27835
Project Name	Airlines Data Analytics for Aviation Industry
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.

```
Customer ──→ Register ──→ forgot
                           password

              │              │
              ▼              │
            Login ◄── Send mail to
              │         the user
              │
              ▼
          Dashboard ──→ upload ──→ upload the dataset of
              │                     the flight schedules
              │                     and delays
              │
              ├────────→ Analyse ──→ analyse the dataset
              │                      and check availability
              │                      of flights
              │
              └──→ Book tickets ──→ Select seats, enter ──→ get feeback
                                    number of passengers
                                    and make payment
```
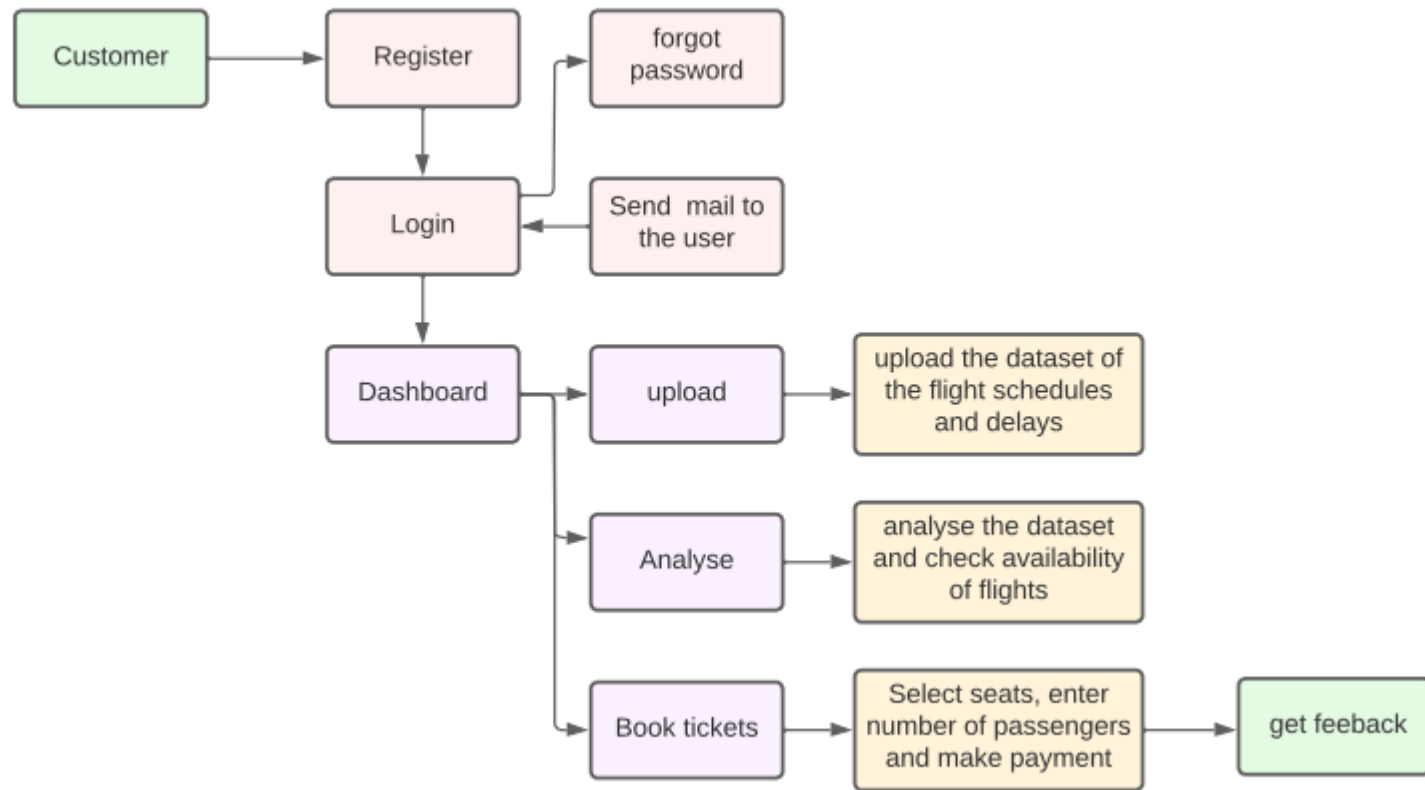
User Stories

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 to the system by entering necessary credentials like mail id, password and confirm password or I can directly register through gmail.	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 google or any other browser.	I can register & access the dashboard through the browser.	Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password	I can login into the system and get access to the dashboard	Medium	Sprint-1
	Dashboard	USN-5	As a user, I can view the charts and graphs representation of the dataset and the information shown in the dashboard.	I can analyse the flight details.	High	Sprint-2
Customer (Web user)		USN-6	Visit the website and get more information about the flights.	I can get knowledge about the website and get information about flights	Medium	Sprint-1
Customer Care Executive	Feedbacks, Tollfree numbers	USN-7	As a Customer Care Executive, I will always be available for the interaction with the customers to clarify their queries about flight bookings and flight schedules. Also collect feedbacks from the user.	Maintaining proper environment for the customers.	High	Sprint-3
Administrator		USN-8	As an administrator, I will manage backup, recovery and generate reports about the flights.	Zero issues from the user.	High	Sprint-4