

## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	27 june 2025
Team ID	LTVIP2025TMID58003
Project Name	flightFinder:Navigating Your Air Travel options
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.

For the Flight Booking App, the DFD illustrates how users interact with the system to register, search flights, book tickets, and how the admin manages the backend activities.

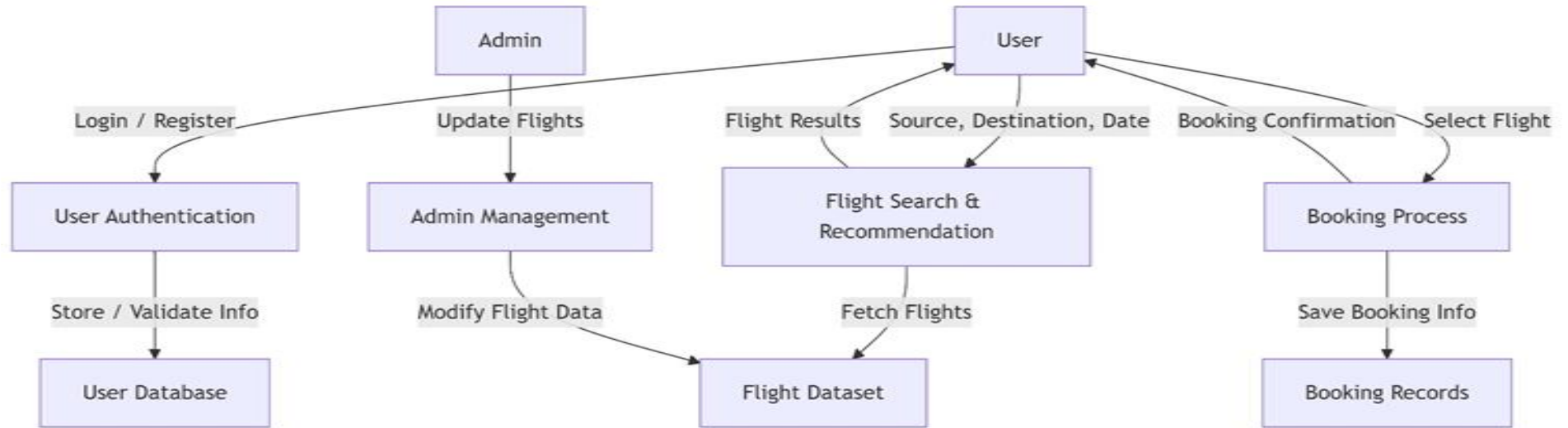
- DFD Level 0 includes external entities: User, Admin.
- DFD Level 1 includes processes: Login, Flight Search, Booking, Payment, Admin Approval, Flight Management.

Example: [\(Simplified\)](#)

#### User Stories

Use the below template to list all the user stories for the product.

Data flow diagram:



User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority
User	Registration	USN-1	As a user, I can register by entering my name, email, and password.	User is registered and can log in	High
User	Login	USN-2	As a user, I can login using email and password.	Dashboard is accessible upon login	High
User	Flight Search	USN-3	As a user, I can search flights using city and date filters.	Search results are displayed	High
User	Booking	USN-4	As a user, I can book tickets with seat and passenger details.	Booking is successful and shown in history	High

User	Cancellation	USN-5	As a user, I can cancel a booked ticket.	Booking status is updated to cancelled	Medium
Admin	Flight Management	USN-6	As an admin, I can add or update flight information.	Flights are listed with updated info	High
Admin	User Management	USN-7	As an admin, I can approve or reject operators.	User approval status is updated	Medium
Flight Operator	View Bookings	USN-8	As a flight operator, I can view all bookings on my flights.	Operator sees booking list	Medium