

Project Design Phase-II

Data Flow Diagram & User Stories

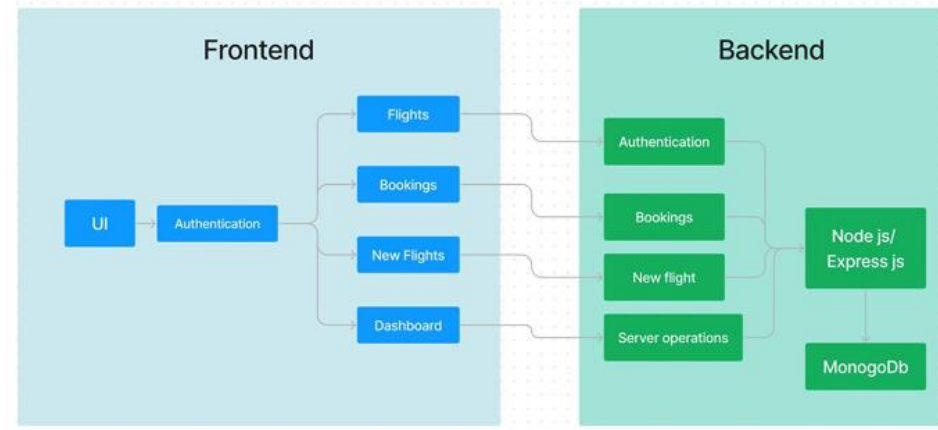
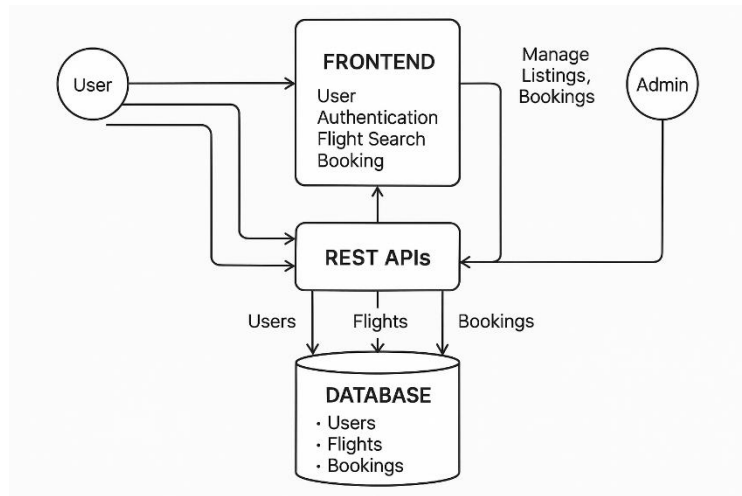
Date	21 June 2025
Team ID	LTVIP2025TMID60279
Project Name	FlightFinder-Navigating Your Air Travel Options
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. Below is an overview based on the SB Flights architecture and ER model.

System Overview:

- The system includes users booking flights, an admin managing listings and bookings, and a backend server handling data.
- Frontend: User Authentication, Flight Search, Booking
- Backend: REST APIs for Users, Flights, Bookings, and Admin
- Database: Collections for Users, Flights, and Bookings



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
Web User	Registration	USN-1	As a user, I can register for an account with email and password.	Able to access dashboard after registering.	High
Web User	Email Confirmation	USN-2	As a user, I receive a confirmation email after registration.	Receive and click confirmation email.	High
Web User	Login	USN-3	As a user, I can log in using email and password.	Login successful and redirected to dashboard.	High
Web User	Flight Search	USN-4	As a user, I can search available flights by origin and destination.	List of flights appears for the entered route.	High

Web User	Flight Booking	USN-5	As a user, I can book a flight by entering passenger and journey details.	Booking confirmed and details visible.	High
Web User	Booking Management	USN-6	As a user, I can view and manage my bookings.	Bookings listed and cancellable.	Medium
Admin	Flight Management	USN-7	As an admin, I can add and manage flight listings.	Flights listed and editable.	High
Admin	Booking Oversight	USN-8	As an admin, I can view all user bookings.	All bookings visible and filterable.	High