

FlightFinder: Navigating Your Air Travel Options

Introduction

This Flight Booking APP is the ultimate digital platform designed to revolutionize the way you book flight tickets...

Scenario

John, a frequent traveller and business professional, needs to book a flight for an upcoming conference in Paris...

Technical Architecture

Frontend: ReactJS components such as Authentication, Flight Search, Booking.

Backend: Node.js APIs for Users, Flights, Admin.

Database: MongoDB collections for Users, Flights, Bookings.

ER Diagram Overview

USER, BOOKING, FLIGHT, ADMIN - relationships illustrating booking system flow and roles.

Pre-requisites

Node.js, MongoDB, Express.js, React.js, Git, HTML, CSS, JavaScript...

Project Structure

Client: ReactJS frontend.

Server: Node.js/Express backend with MongoDB.

Separate folders for APIs, models, controllers.

Application Flow

User: Login, Search, Book, Pay, Cancel.

Admin: Manage Bookings, Flights, Users.

Project Flow

Frontend/Backend setup, install dependencies, API creation, MongoDB models, authentication, admin panel, UI implementation.

Frontend Features

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Login/Register, Flight Search, Booking Modal, User Bookings, Admin Flight Management.

Reference Links

Frontend

Demo:

https://drive.google.com/file/d/1PbNV785R9WenBKuoNHObHKmbApdTNBDx/view?usp=drive_link

Backend Video: https://drive.google.com/file/d/11iNDCz0IJlv9zAS8nYbjrc1JXTPGtwsi/view?usp=drive_link

App Demo: https://drive.google.com/file/d/1Q0XwKtAz7EkaKNJv3_gbo6mZE9nfuBTK/view?usp=sharing

Team Members

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