**BED CA2 Documentation**

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# Installation

* Open the zip and extract all the files
* Copy the db\_init.sql and run it on SQL query on Workbench
* In databaseConfig.js, change the password to your password that is used on workbench
* Run `npm install` to install all required node packages.
* Run `node server.js ` on your terminal.
* Refer to README.md for more information about the code

# Database Schema Design

Diagram

Description automatically generated

# Requirements

## Basic Requirements

1. Login System
2. Search Form to search flights by origin airport, destination airport, departure and return date (index.html)
3. Search result page (flight\_listing.html)
4. View flight details on a separate page (flight\_details.html)
5. View Profile Information (profile.html)
6. Add new flights
7. Add new airports

## Bonus Advanced Features

1. Sign up option for new guest users
2. Add and delete functionality for 7 tables in Admin Panel
   1. Flight (Add/Delete)
   2. Airport (Add/Delete)
   3. User (Delete)
   4. Promotion (Delete)
   5. Flight Promotion (Delete)
   6. Booking (Delete)
   7. Review (Delete)
3. Users can select promotions for flights
4. Booking flights functionality for user
5. User can view bookings in profile page
6. Updating of profile information as well as profile picture in profile page (profile.html)
7. Error page will be displayed if path is not found (routing done in app.js)

# Modification from CA1

## Authentication and Authorization

Added “auth” folder that stores verifyToken.js scripts, which is responsible for the JWT token verification

## Database Modification

Updated database to add new columns to booking table and (refer to Database Schema)

# New/Modified Endpoints

Text

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