# BED CA2 Documentation

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# Notes:

All information about the code can be found in the README.md file in the zipped folder

# Installation Guide

**Opening the file:**

1. Download the submission zipped folder from Brightspace
2. Once downloaded, extract the zip folder.
3. Open the extracted folder on Visual Studio Code
4. All the dependencies should by default be installed in the package.json file
   1. In the event if they do not work, refer to the README to view the NPM packages required and npm install them accordingly

**Running the web application (First Method):**

1. Right click the respective client and server folders and click on “Open in Integrated Terminal” respectively. Two terminals should open
2. Type “nodemon” on the two terminals to run the app scripts. If nodemon does not work, run the commands “node index.js” on the client terminal and “node server.js” on the server terminal.
3. Open your browser and navigate to <http://localhost:3000> to view my amazing flight booking website!

**Running the web application (Second Method):**

1. Create two terminals on your Visual Studio Code workstation
2. Run the command “cd client” on one terminal and “cd server” on the other
3. Run nodemon on both terminals respectively
4. If nodemon does not work, run the commands “node index.js” on the client terminal and “node server.js” on the server terminal

# Project Directory

Text

Description automatically generated with medium confidence

# Pages Created

1. 404.html – Error display page when 404 Not Found triggered
2. Admin.html – Admin panel page for adding and deleting airports, flights and promotions and viewing booking history of all users
3. Booking.html – Checkout page for users to book their flights added to their carts
4. Bookinghistory.html –Page for users to check their past flight bookings
5. Cart.html – Page for users to view their flights they added to their cart
6. Flightdetails.html – Page to show more flight and airport information for each flight user selects to view
7. Flights.html – Page to display all flights for users to browse
8. Index.html – Main homepage for users
9. Login.html – Login page
10. Profile.html – Page for users to view and edit their profiles
11. Promotions.html – Page for users to browse and search promotions for flights
12. Searchflights.html – Page for users to search specific flights based on origin, destination, departure and return dates
13. Signup.html – Page for guest users to sign up and create a new account in SP AIR
14. Transfers.html – Page for users to find connections and transfers from their desired origin and destination airports

# Basic Requirement Fulfillment

1. Login System
   1. Use of JSON Web Tokens (JWT) to secure pages that require accounts using local storage to store the JWT token and logged in user ID
   2. Persistent login
2. Search Form