

HOME AWAY FROM HOME

## A simple hotel booking and renting property API to manage bookings, users, hosts, hotels and rooms.

## This was created using Node.js ,Express ,MONGO-DB, Cloudinary and handlebars.

### TECH:-

### Node.js – evented I/O for backend.

### Express – fast node.js network app framework.

### Mongo-DB – no-SQL document oriented database.

### Cloudinary - a cloud-based image and video management service.

### Handlebars - compiles templates into JavaScript functions.

## INSTALLATION:-

$ git clone <https://github.com/attainu/backend-project-gaurav-singh-au16>

## INSTALL THE DEPENDENCIES AND START THE SERVER:-

1. cd Home-Away\_From\_Home
2. npm install
3. connect to mongoDB
4. connect cloudinary
5. nodemon app.js
6. node sever

INSTALLATION:-

``` node

cd Home-Away\_From\_Home

npm init

node app.js

```

```

## VERIFY THE DEPLOYMENT BY NAVIGATING TO YOUR SERVER:-

Localhost:3000

## ROUTES:-

* /addNewListing
* /booknow
* /contactUs
* /customerLoginSignUp
* /explore
* /home
* /hostDashboard
* /hostLoginSignUp
* /about

## TODOS:-

* Adding API from Bookingnow.com (for more hotels).
* Location feature using geoloacation.
* Adding more features like customer dashboard.

## LICENSE:-

MIT

FREE LICENSE, HELL YEAH!

## EXPLANATION OF ROUTES:-

#### /addNewListings -> it takes input from a host and create a new listing for host.

#### /bookNow -> this route is for customer to make his booking/payment.

#### /contactUS -> this is a query route for user, customer or host can ask questions here.

#### /customerLoginSignUp -> this is for customer logging in and signing up.

#### /explore -> this is for exploring the entire ad’s and hotel’s for booking.

#### /home -> this is website’s homepage.

#### /hostLoginSignup -> this route is for host logging in and signing up.

#### hostDashboard -> this route shows the host specific info to the host.

#### /about -> this is for knowing the developers.

## Some other TECH used (NPM’s):-

* EXPRESS-SESSION: **Express**. js uses a cookie to store a **session** id (with an encryption signature) in the user's browser and then, on subsequent requests, uses the value of that cookie to retrieve **session** information stored on the server.
* Nodemailer : it  is a **Node**. **js** module that allows you to send emails from your server with ease. Whether you want to communicate with your users or just notify yourself when something has gone wrong, one of the options for doing so is through mail. ... **js** backend using **Nodemailer** and Gmail.
* Handlebars : is a templating engine similar to the ejs module in node. ... **HandleBars** can be used to render web pages to the client side from data on the server-side. Command to install hbs module: npm i hbs.
* Cloudinaray : it provides an API for uploading images, videos, and any other kind of file to the cloud. ... js image and video uploads to the cloud and Node. js helper methods are available for uploading directly from a browser to **Cloudinary**
* Base64-Array-Buffer : Encode/decode base64 data into ArrayBuffers.
* Bcrypt : The **bcrypt** library on **NPM** makes it really easy to hash and compare passwords in **Node**. ... **Bcrypt** is the de facto way to hash and store passwords.
* DotENV – it is a zero-dependency module that loads environment variables from a . env file into process. env . Storing configuration in the environment separate from code is based on The Twelve-Factor App methodology.
* Express - It facilitates the rapid development of Node based Web applications.
* Express Fileupload- it  is a node. js middleware for handling multipart/form-data , which is primarily used for uploading files. It is written on top of busboy for maximum efficiency
* JSBASE64 - **Base64** is a group of similar binary-to-text encoding schemes that represent binary data in an ASCII string format by translating it into a radix-64 representation.
* Mongoose- **Mongoose** is a MongoDB object modeling tool designed to work in an asynchronous environment. **Mongoose** supports both promises and callbacks.
* Paypal Rest SDK - To simplify integrations, **PayPal** provides **REST** server **SDKs** for these languages in these GitHub repositories. For mobile integrations, contact your **PayPal** account manager.

## PROJECT BY:-

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