

# Hotelroom

Github URL: <https://github.com/dvelopWorld/hotelroom>

## Technologies used

1. Express
2. Javascript
3. mySql
4. html5
5. css
6. Redis

## Jquery plugins

1. Sweetalert 2.0 -- for showing response message in user panel
2. Toastr -- for showing response message in admin panel
3. Dropzone -- for uploading images of room in admin panel

Other mentions

1. Font Awesome version 4.

## backend tools

1. backend database orm
  - a. Sequelize
2. image upload
  - a. Multer
3. sending mail
  - a. Nodemailer

**port:** 1997

**admin panel:**

localhost:1997/admin

**user panel:**

localhost:1997

# Architecture

This project is built on MVC architecture where we have models, views and controllers isolated and interconnected in unopinon way.

## 1. Models

It defines files for database tables.

## 2. Controllers

It is divided in two sub folders

### a. Admin

it contails views and action controllers for admin

### b. User

It contains views and actions controllers for user

## 3. Views

It includes layout, email templates and views for admin and users.

Views refer to public folder in the root directry for media and other files(stylesheets, javascript, plugins, etc..)

### a. Layouts

It includes layouts for admins and users which is distributed in folder named 'partials' in the same directory.

### b. Partials

It includes files for welcome mail template and booking comfirm mail template

### c. Views

It includes files for views of admin and users.

Apart from these MVC directories, we also have two important folders which acts as helpers for these Controllers. They are

## 1. Middlewares

It includes a single file for multer configuration. Currently we are only storing images for rooms so it host only a single object for that purpose

## 2. Services

This directory is meant for common use for both the admin controllers and user controllers. Currently we are having only one file in this directory which is commonService.js.

# Security

We are using JWT (json web token) for applying confidentiality  
We are using session data for applying authorization.