



**Submission by, Raj Kumar C**

[rajkumar.cind@gmail.com](mailto:rajkumar.cind@gmail.com)

# Crayon`d Task

## How to setup and test this appilcation

### What I have done ?

I have created a way where users can post images or post just text, much like a social platform. The functionalities that the user can do are.

- Register for an account
- Create a Post ( With or without image )
- Like a post
- View his own post
- Search for posts

## Tech Stack

### Front End

- HTML
- CSS
- EJS Templating Engine
- JQuery
- Some pretty Images from Unsplash. :-)
- Bootstrap Library 3.3.7

### Back End ( The Important Stuff )

- Node Js
- Mongo DB

## Node Modules I've Used

- Passport Js - For Authentication
- mongoose
- Express Js
- passport-local
- multer

## What you need to run this application

Since this is a Node application, make sure that you have Node Js installed on your system.

You should also be having mongoDB installed and active in your system, make sure that mongoDB is running on the default MongoDB port ( 27017 ).

## Running this application

I have included a compressed file. Extract the compressed file and change directory into the extracted folder.

Just to be sure run this command, so that we dont miss out any module files.

```
npm install
```

After starting up mongod service, run this application by typing in the command.

```
node app
```

This application will run locally on port 1234, go to this URL to access the application.

```
http://localhost:1234/
```

## How this application works ?.

To create or view a post you must have an account. So when you are running this application for the first time do create an account.

I've set certain constraints where you can only access certain API only if you have logged in. The login session is stored on the client side as a hash and the other hash for the session is maintained at the server side along with a key, both are compared to authenticate the user.

To manage authentication I've used Passport Js.( Just trying not to reinvent the wheel )

## Implementation Details

You need to have an account to post as well as like post.

I have included a middleware to check if the user is authenticated to access a particular API.

### Login Page

Thunder

Search

Feed

Jobs

Notification


Bazaar

Login

Register

You Umm, Have to Login Sorry


Click Here if you have to register

May the force be with you 

Username

Password

Login



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## Registration Page

You can register by providing a unique username, ( It has to be unique, I have checked for this on the Node Js part )

If the username that you picked already exists then you will be returned back to the registration page

I mainly focused on the back-end part.

Thunder

Feed

Jobs


Notification

Bazaar

Login

Register

*Register and become a Superhero*



**Username**

**Password**

**Confirm Password**

## Home Page

After you have logged in, you are redirected to the new feed page. Here you can view all post as well as like a post.

admin

Passionate hair stylist

Post

 Add

Write a new awesome post!

**admin**

Passionate hair stylist

Bacon ipsum dolor amet picanha pork chop jowl tongue corned beef ball tip, tenderloin shankle kevin cow shank flank pork loin leberkas. Brisket shoulder pork buffalo. Pork turducken burgdoggen bresaola spare ribs picanha drumstick tri-tip ham meatloaf filet mignon. Picanha chuck turducken tenderloin, drumstick hamburger cow andouille turkey chicken ham fatback.

greeting()

   -28 Likes, 1 Comment**admin**

Passionate hair stylist

Bacon ipsum dolor amet picanha pork chop jowl tongue corned beef ball tip, tenderloin shankle kevin cow shank flank pork loin leberkas. Brisket shoulder pork buffalo. Pork turducken burgdoggen bresaola spare ribs picanha drumstick tri-tip ham meatloaf filet mignon. Picanha chuck turducken tenderloin, drumstick hamburger cow andouille turkey chicken ham fatback.

greeting()

   0 Likes, 1 Comment**admin**

Passionate hair stylist

rgdoggen cupim, short ribs chuck pancetta picanha ham hock biltong chicken capicola buffalo ham meatloaf. Bacon andouille alcatra, brisket meatloaf tenderloin kevin shoulder venison short ribs ribeye pork loin leberkas. Pork loin buffalo sausage kielbasa ribeye boudin

## **Search Post**

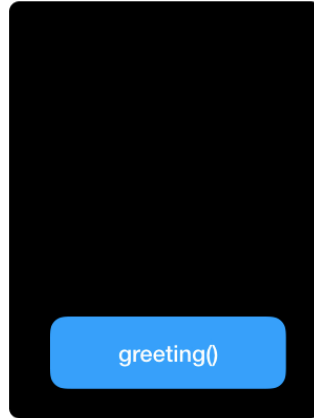
You can search for a post by typing in the content you want to search in the search input field provided in the navigation bar.

The content that you provide will be matched with the content of the posts in the mongoDB.

**admin**

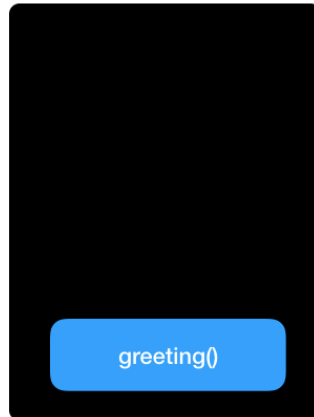
Passionate hair stylist

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   0 Likes, 1 Comment**admin**

Passionate hair stylist

rgdoggen cupim, short ribs chuck pancetta picanha ham hock biltong chicken capicola buffalo ham meatloaf. Bacon andouille alcatra, brisket meatloaf tenderloin kevin shoulder venison short ribs ribeye pork loin jerky. Pork loin buffalo sausage kielbasa ribeye boudin leberkas beef shank meatloaf prosciutto andouille r

   0 Likes, 1 Comment**admin**

## User Profile

This is where you can see the user information ( Not much in this application ) such as the username and the content that you have posted,

Thunder

Search

Feed

Jobs

Notification

Bazaar

My Profile [rajcrk]

Logout

**rajcrk**  
Passionate hair stylist

**rajcrk**  
Passionate hair stylist

Capicola frankfurter tongue, chuck picanha rump tail jerky pancetta meatloaf. Andouille meatball leberkas spare ribs kielbasa shankle strip steak turkey. Tri-tip chicken salami ham hock spare ribs, strip steak shank shoulder flank. Sirloin tail tongue burgdoggen ball tip.

1 Likes, 1 Comment

If there is any questions regarding my application, Do feel free to reach out to me.

[rajkumar.cind@gmail.com](mailto:rajkumar.cind@gmail.com)

(+91) 7708464536

## *The End*

***Thanks Guys, Had fun working on this !***

