

TagSearch

A Web App developed with MEAN stack

A Project Report

In the partial fulfillment for the award of the degree of

B.Tech
under
Academy of Skill Development



Submitted by

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Certificate from the Mentor

This is to certify that **Mr. Anurag Singh, Mr. Aniket Kumar, Mr. Amit Raj Singh, Mr. Amit Rai and Mr. Ambuj** have successfully completed the project titled **“TagSerach”** under my supervision during the period from February to May which is in partial fulfillment of requirements for the award of the B.Tech and submitted to Department of **Computer Science & Engineering** of **Netaji Subhash Engineering College**.

Signature of the Mentor

Date:

Acknowledgement

I take this opportunity to express my deep gratitude and sincerest thanks to my project mentor, **Mr. Debojyoti Majumdar** for giving the most valuable suggestion, helpful guidance and encouragement in the execution of this project work.

I would like to give a special mention to my colleagues. Last but not the least I am grateful to all the faculty members of **Academy of Skill Development** for their support.

Introduction

We have created a website to create/delete posts which can have different tags. The data is arranged in tabular form and a specific data can be easily searched using the tags which were added at the time of creation of the posts.

Source code: <https://github.com/aniketjha1729/TagSearch>

Requirements

The following technologies are required to run this project:

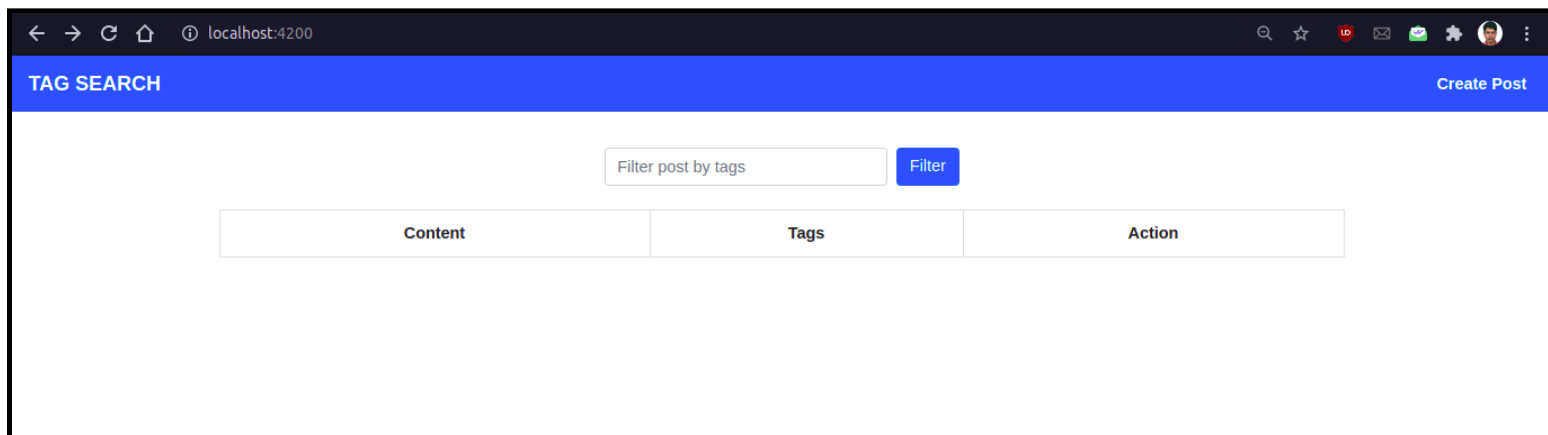
- ❖ NodeJS
 - Version 14.15.4 or greater
- ❖ NPM
 - Version 6.14.10 or greater
- ❖ MongoDB
- ❖ Angular CLI

Steps to init project

1. First install all dependencies with npm: npm install in the root directory && npm install in the client directory.
2. Start the server for backend and frontend
 - For backend:
 - `npm start` in the root directory
 - For frontend:
 - Go to the client directory and run the command `ng serve`
3. Now load the app in the browser: <http://localhost:4200>

Enjoy!!

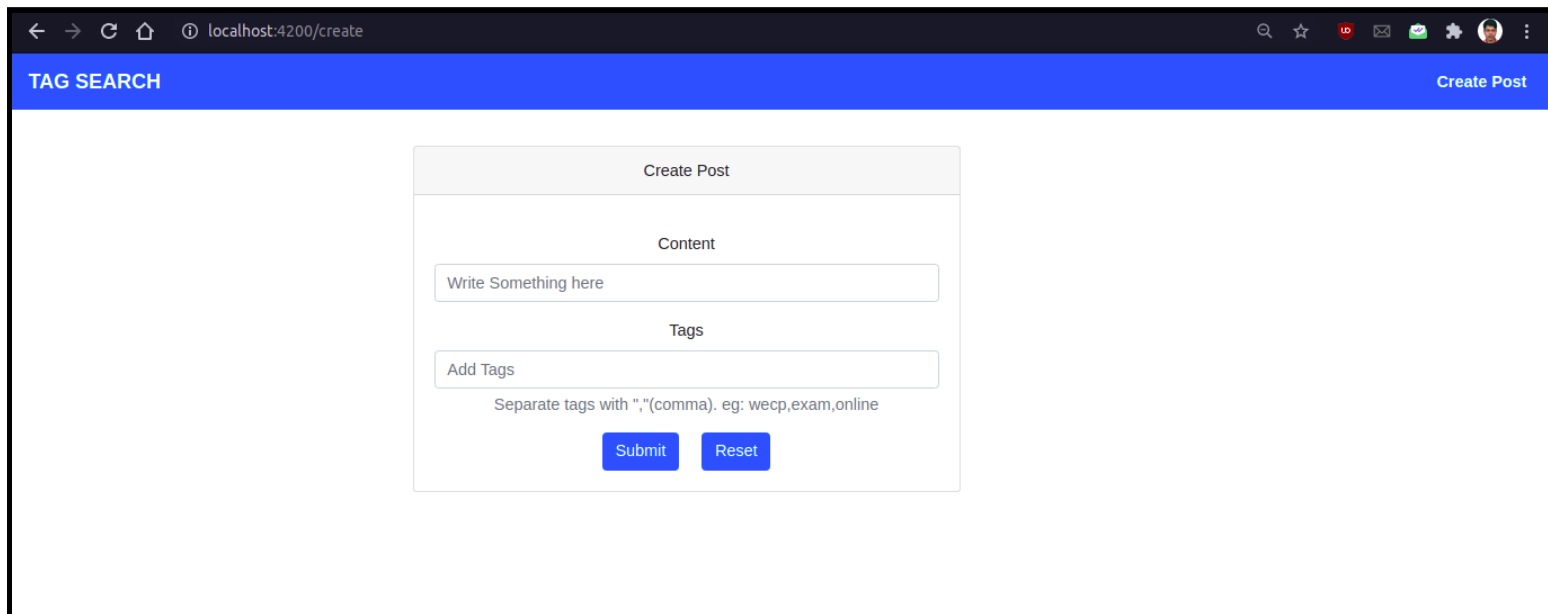
Website: Home Page



A screenshot of a web browser showing the 'TAG SEARCH' page. The browser's address bar displays 'localhost:4200'. The page has a blue header with 'TAG SEARCH' on the left and 'Create Post' on the right. Below the header, there is a search bar with the placeholder text 'Filter post by tags' and a blue 'Filter' button. Underneath the search bar, there is a table with three columns: 'Content', 'Tags', and 'Action'.

Content	Tags	Action
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Website: Create post



A screenshot of a web browser showing the 'Create Post' page. The browser's address bar displays 'localhost:4200/create'. The page has a blue header with 'TAG SEARCH' on the left and 'Create Post' on the right. In the center of the page, there is a form titled 'Create Post'. The form has two main sections: 'Content' and 'Tags'. The 'Content' section has a text input field with the placeholder text 'Write Something here'. The 'Tags' section has a text input field with the placeholder text 'Add Tags'. Below the 'Tags' input field, there is a small text label that reads 'Separate tags with ","(comma). eg: wecp,exam,online'. At the bottom of the form, there are two blue buttons: 'Submit' and 'Reset'.

Create Post

Content

Write Something here

Tags

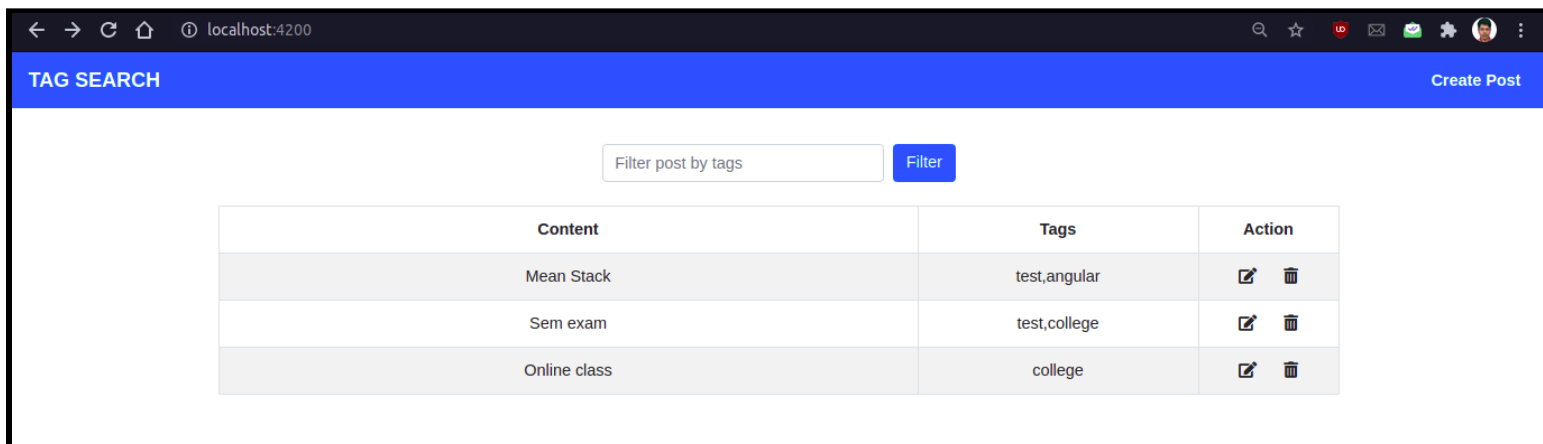
Add Tags

Separate tags with ","(comma). eg: wecp,exam,online

Submit

Reset

Website: Data filled



Website: Tag search result

