

Twitter Assignment - FALL 2021

TEAM - 5THEPEOPLE

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DataScience Cohort Members -

1. Aryan Jadon
2. Swathi Anandram
3. Harika Nalam
4. Shreya Nimbhorkar

Cloud Cohort Members-

5. Supreetha M A

1. Code Base and Repository

Technologies Used -

Backend - Python Django Framework

Frontend - HTML, CSS and javascript

Code base and repository link can be found at - <https://github.com/aryan-jadon/twitter-assignment-2021>

libraries versions used for this project can be found at- <https://github.com/aryan-jadon/twitter-assignment-2021/blob/main/requirements.txt>

Instructions for how to run the project is written in a readme.md file - <https://github.com/aryan-jadon/twitter-assignment-2021/blob/main/README.md>

Code base Responsibilities -

Aryan Jadon - Backend

Harika and Shreya - Testing

Supreetha and Swathi - Fronend

All project files have author names in it.

Screenshots of the project are added in the project repo

2. UI Interactions with Screenshots

All Screenshots can be found at - <https://github.com/aryan-jadon/twitter-assignment-2021/tree/main/screenshots>

Index Page

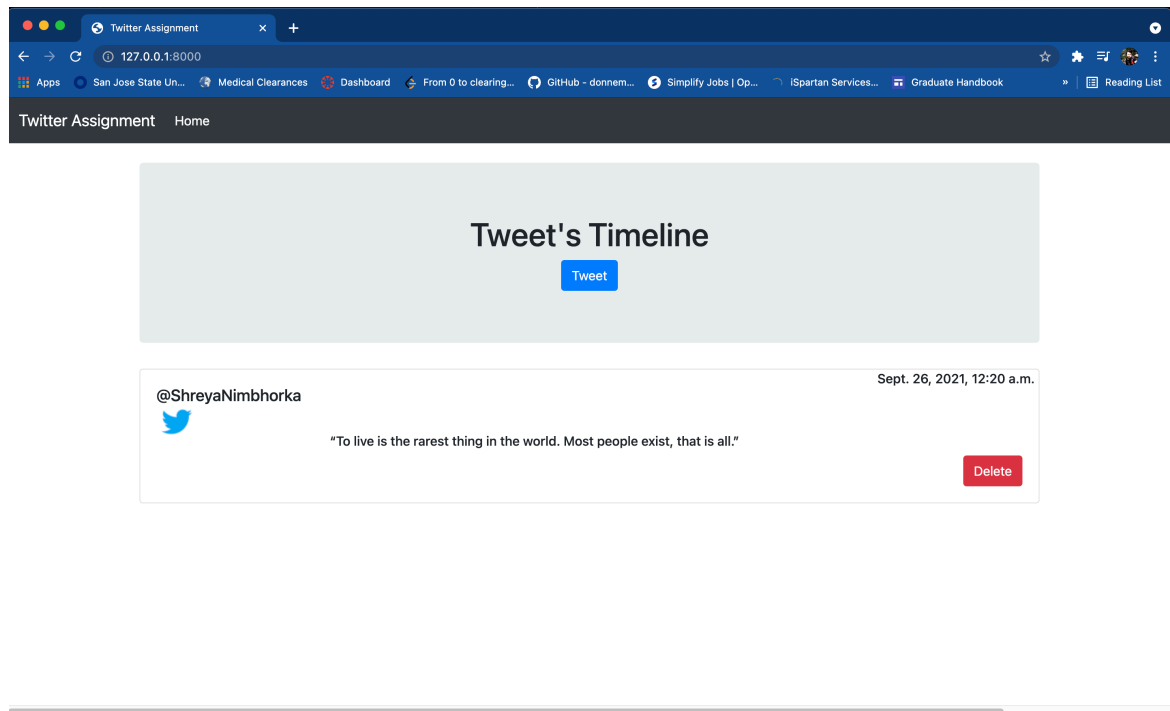
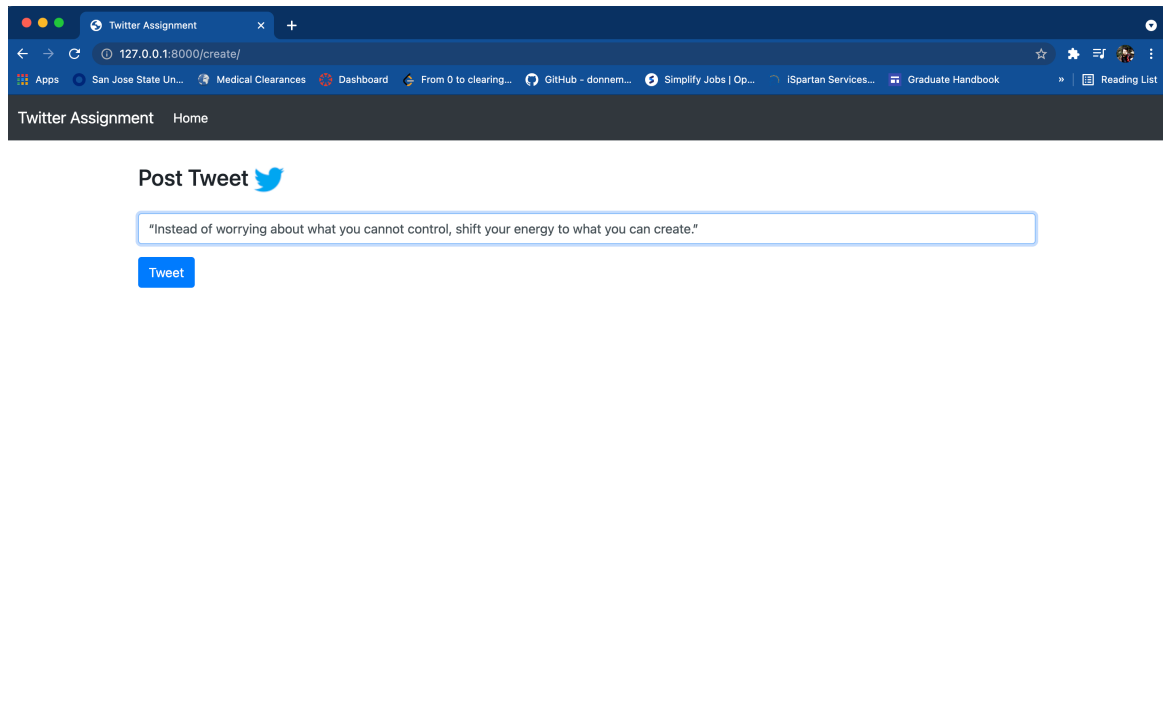



Figure 1. Index page showing all the tweets of a user

Index Page retrieves all the tweets of the logged in user using twitter api credentials and display the twitter user name, tweet date along with the tweet with the option of deleting the user tweet.

Create Tweet Page



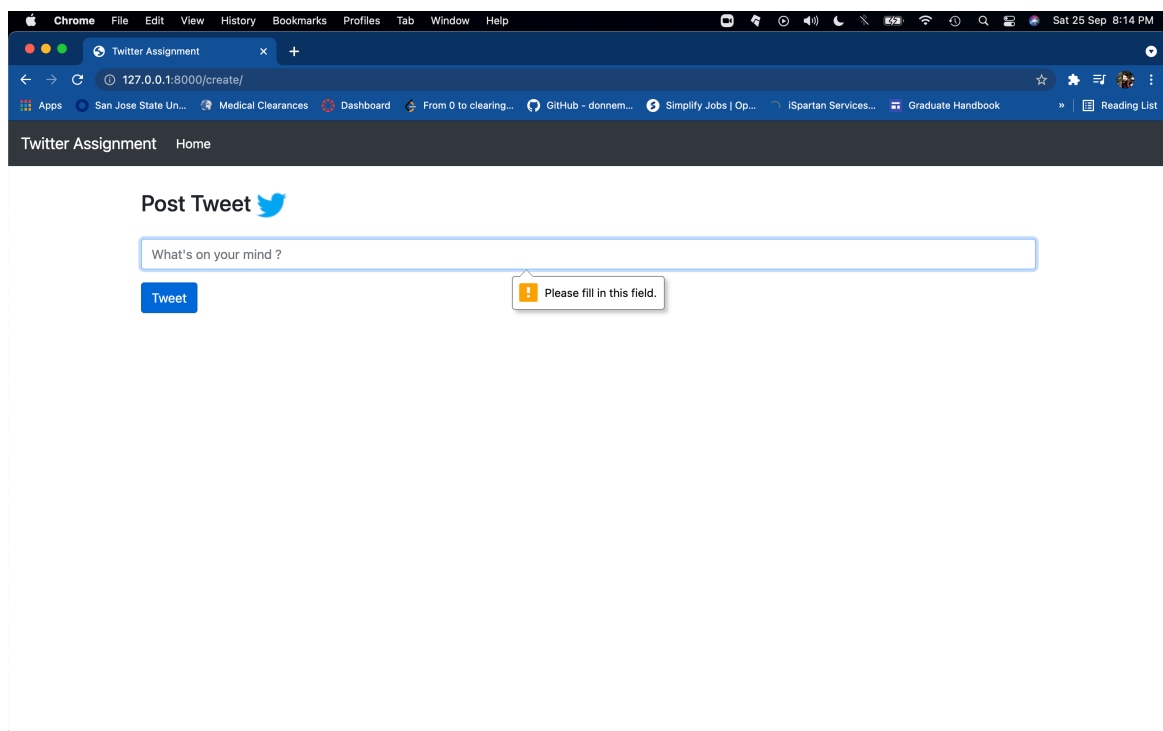
Post Tweet 


"Instead of worrying about what you cannot control, shift your energy to what you can create."

[Tweet](#)

Figure 2: Create Tweet Form Page

Create Tweet Page shows the tweet form to the user, user cannot post the empty text.



Post Tweet 

What's on your mind ?

[Tweet](#)

Please fill in this field.

Create Tweet Request

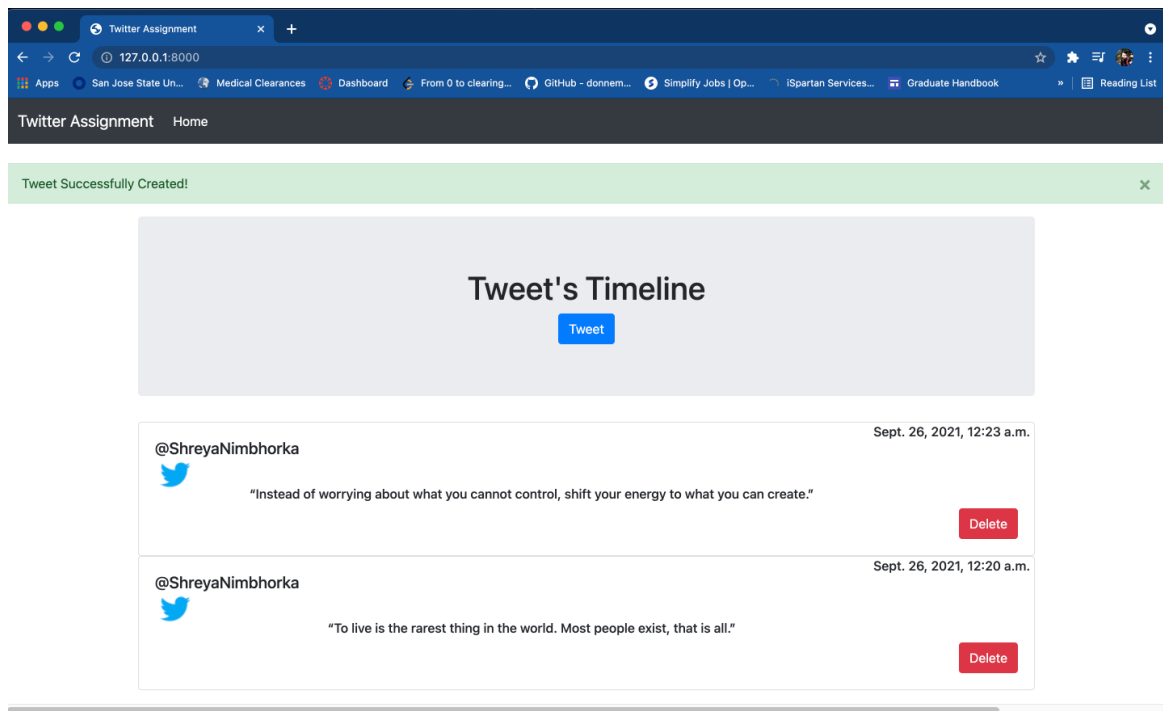


Figure 3: Index page showing the newly added tweet with the success prompt.

Delete Tweet Request

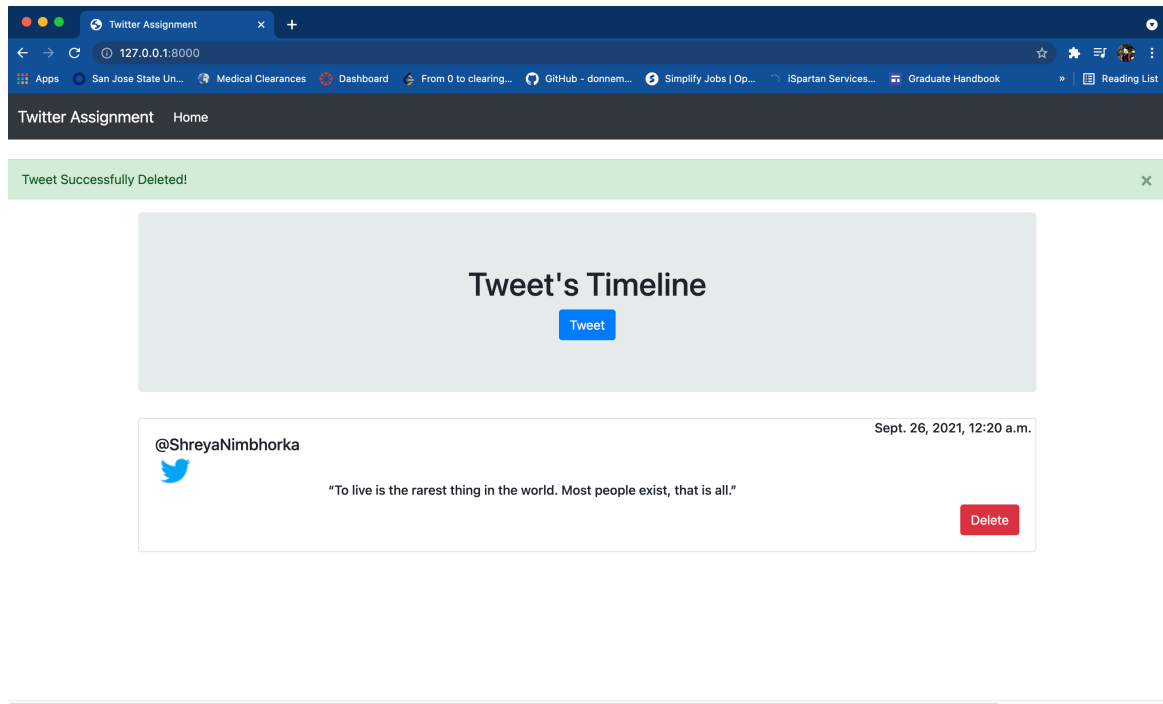


Figure 4: Index Page showing the updated tweet timeline with the deleted tweet

Duplicate Tweet

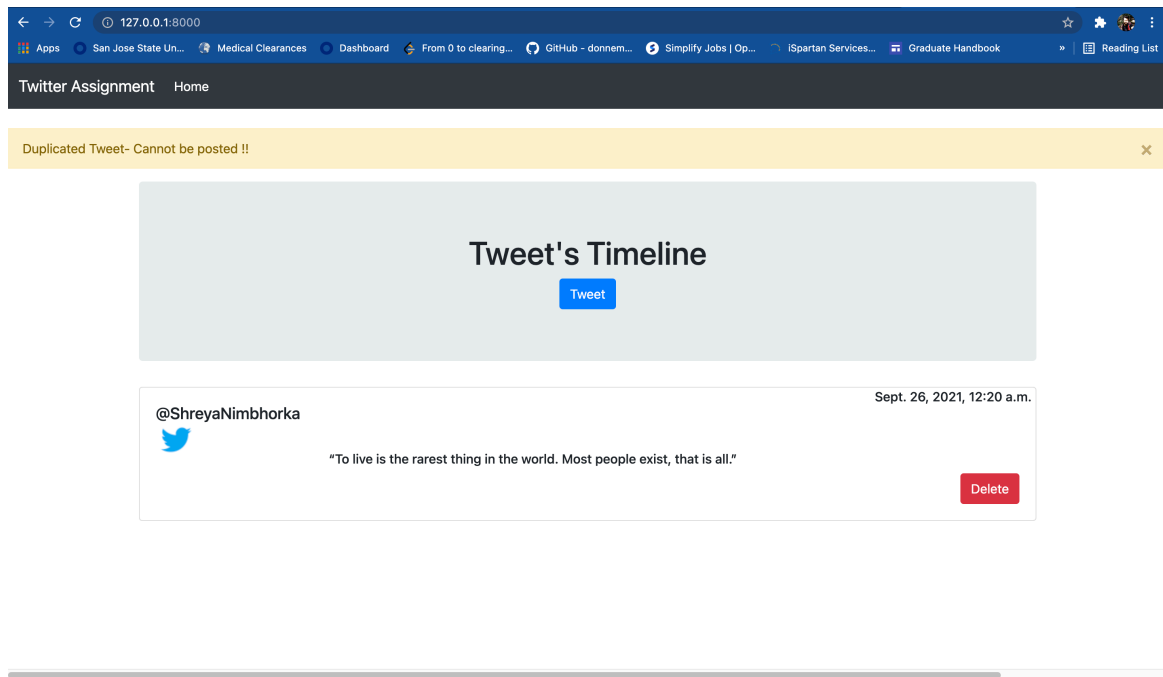


Figure 5: Index Page Showing the duplicated tweet message, users are not allowed with the duplicated tweet

Test Cases

```
(assignments) Aryans-MBP:twitter-assignment-2021 arianjadon$ python manage.py test
Creating test database for alias 'default'...
System check identified no issues (0 silenced).
.....
-----
Ran 6 tests in 2.246s

OK
Destroying test database for alias 'default'...
(assignments) Aryans-MBP:twitter-assignment-2021 arianjadon$
```

Figure 6: Project Terminal Showing all the test cases are passed

Detailed Test Logic functions can be found here - https://github.com/aryan-jadon/twitter-assignment-2021/blob/main/twitter_services/tests.py