

Github Application

GitHub Repository: https://github.com/Ankitabanerji/githubApp_code

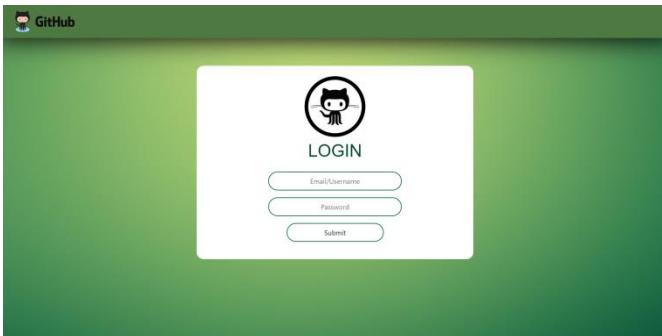
Website Link: <http://githubapp.in/>

Project Description:

This project consists of following views:

1. Login View
2. User's Detail View(user view)
3. User's Gist View(gist view)
4. Search View

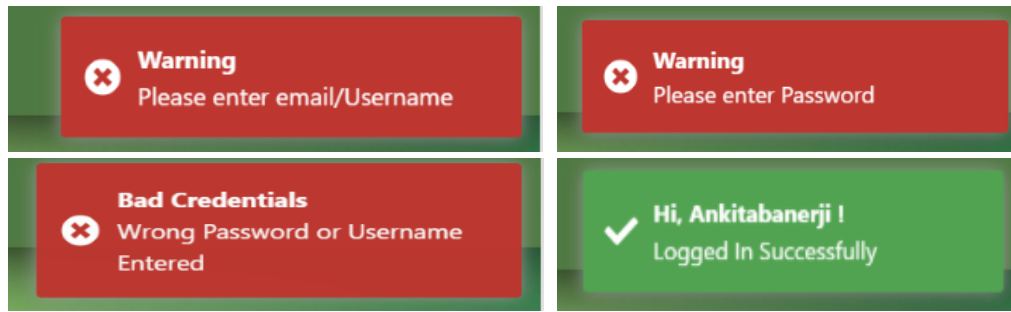
1. Login View (<http://githubapp.in/login>)



User will be able to login to the system through his/her Github account. Without logging in to this application, user will not be able to access any other views. So it is mandatory for the user to login to his Github account.

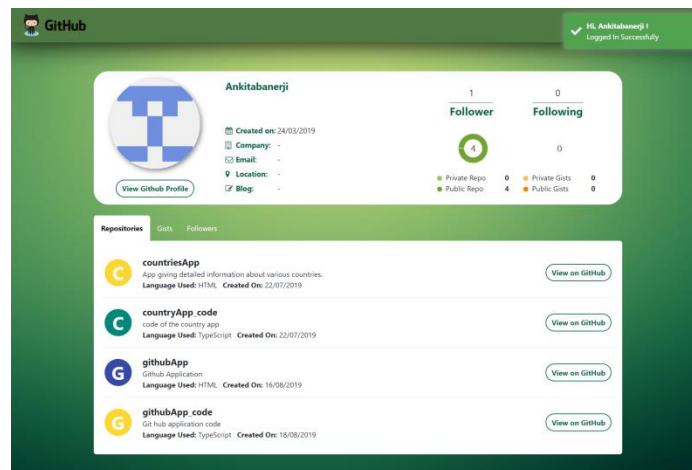
FEATURES:

- On clicking the Github Logo at the top left corner (website header) we will be directed to login page if user is not logged in, else we will be directed to user view page.
- Upon getting any authentication error and any other errors, it will display an error toaster with the error message on the top right corner of the webpage.
- On logging in successfully it will redirect us to the logged in user's detail page and will display a success toaster.



2. User View (<http://githubapp.in/user/Ankitabanerji>)

This view contains two sections:



- User's basic details:** This section displays basic user's details like name, user name, created on, company, email, location, blog, number of followers and followings, number of repo and gist.

NOTE: In case of authentic/logged in user, number of repositories and gist will be display using graph (Using Highcharts Library) because only authentic users have access to number of private repos and gist as shown.

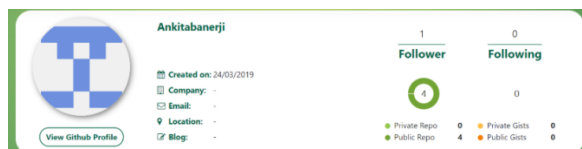


Figure 1 Authentic User

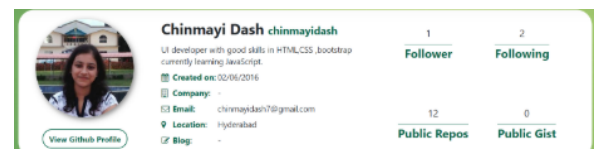
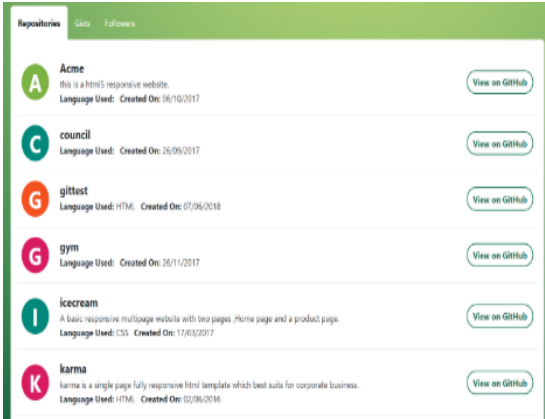


Figure 2 Other User

- b. **Tabs**: It consists of three tabs namely Repository, gist and followers. Each tab consists of their respective lists.

Repository Tab



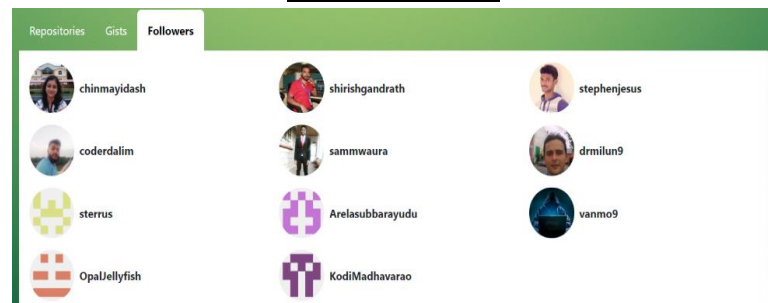
This tab displays the list of repositories. It consists of their basic details like name, description, creation date and language. On clicking the “View on GitHub” button we will be redirected to that particular GitHub repository page.

Gist List



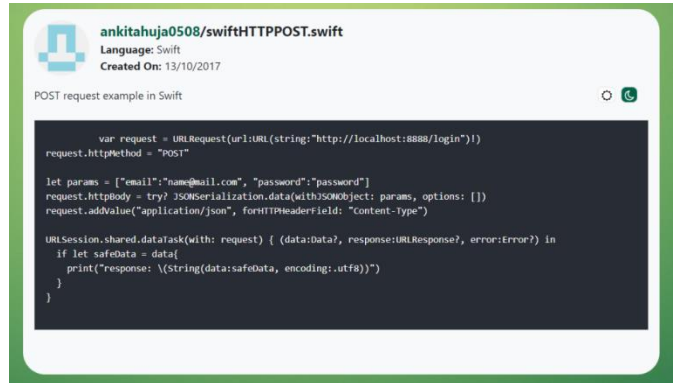
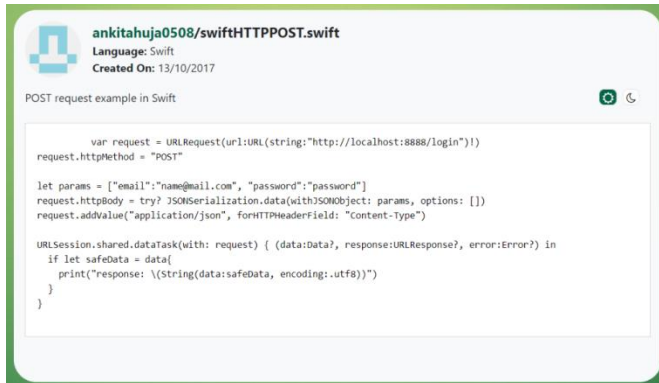
This tab displays the list of gist. It consists of their basic details like name, description, creation date and language. On clicking the “View on GitHub” button we will be redirected to our Gist view.

Follower List



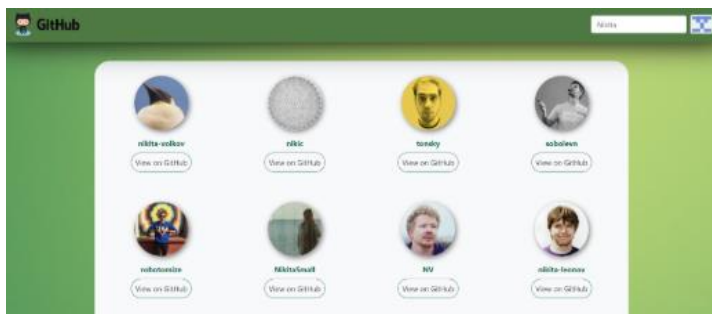
Upon clicking, on any of the follower, its user view opens.

3. Gist View (<http://githubapp.in/gist/a1290cbc5e75d62a2d202a4166d399ce>)



This view displays the selected gist's details like language, description and the code. It also has an option to change the theme of the code (dark theme and light theme). On clicking on the user's name we will be directed to the user view page.

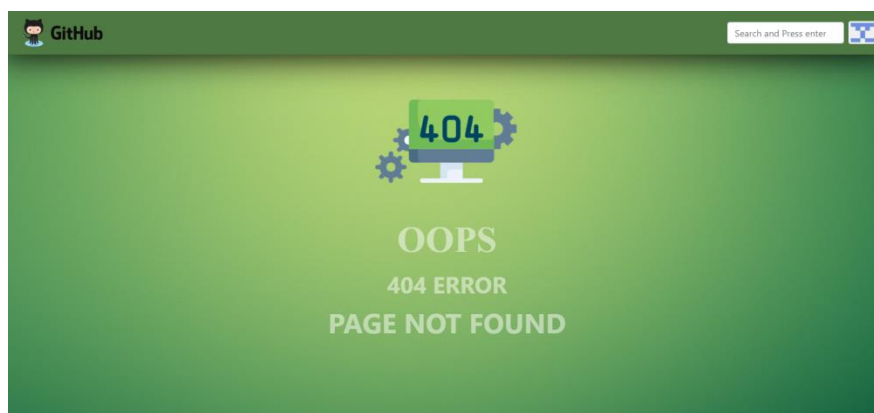
4. Search View (<http://githubapp.in/search/Nikita>)



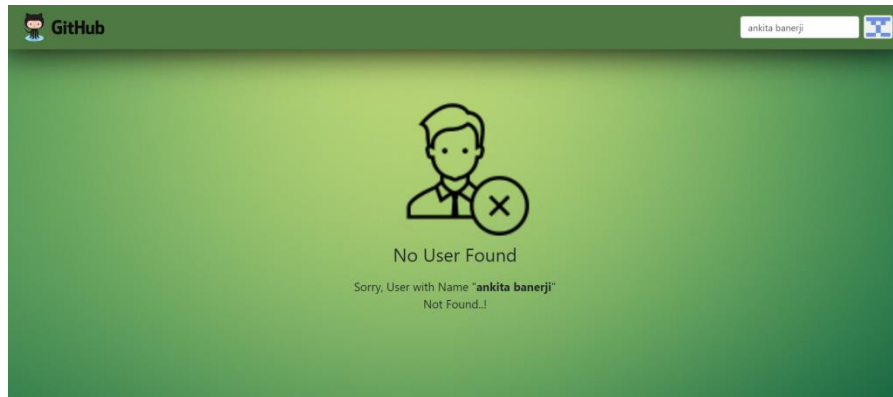
On searching name in the search bar, user will land on search view page. This page will display list of users that we are trying to search. Upon clicking on user's name, User View of that username opens. We can also view his/her GitHub page by clicking on "View on GitHub" button.

5. Error Views

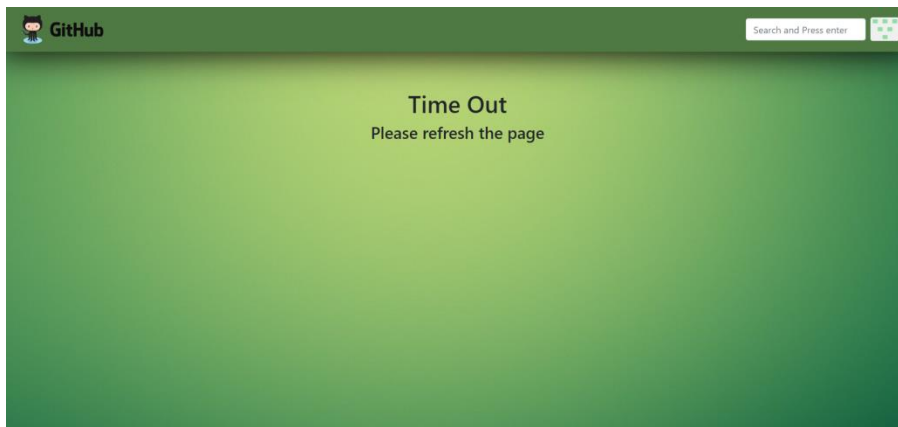
a. 404 Error: This view loaded in case user gives wrong URL or if the API through some error.



b. No User Found: This view is loaded when the searched user name is not found



c. Time Out error: If API fails to get data within 20 seconds, it'll show time out error.

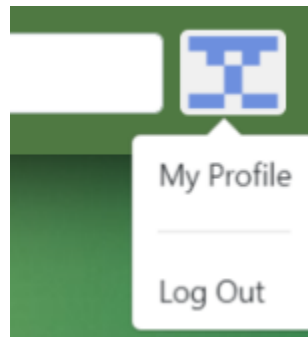


6. Common Features

a. Loader: This shows up when the data has not been loaded on the page yet.



- b. **My Added feature:** In all the views (except the login page) the navigation bar consists of logged in user's profile and search box.
On clicking the profile image a popover opens. The popover has option to either logout or go to the logged in user's profile.
The navigation bar sticks to the top when the user scrolls down, so that he/she doesn't have to scroll up.



THE END