ICP – 4 JavaScript and jQuery

Team details:

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Github link: https://github.com/sarath98-lab/spring-2022/tree/main/Web/ICP4

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Github link: https://github.com/SaiKicks/WebMobile-Spring2022/tree/main/web/ICP4
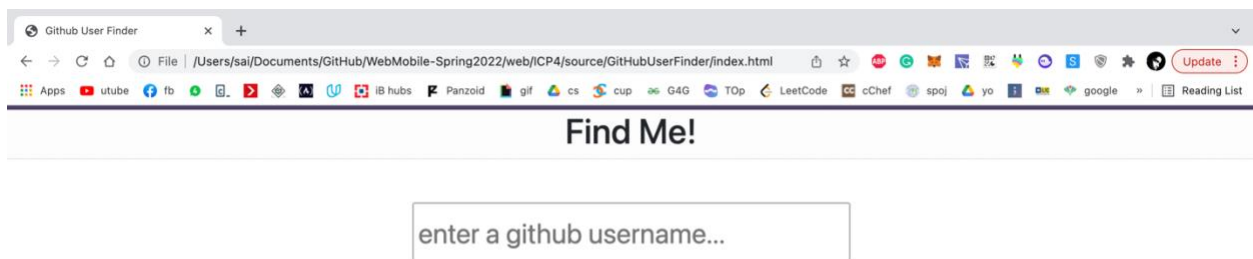
Description:

Current ICP helps in understanding java script and jQuery. The task involves displaying git user information on web page when a particular user is searched with the help of git public APIs.

Git Hub API to fetch user information: https://api.github.com/users/{user}
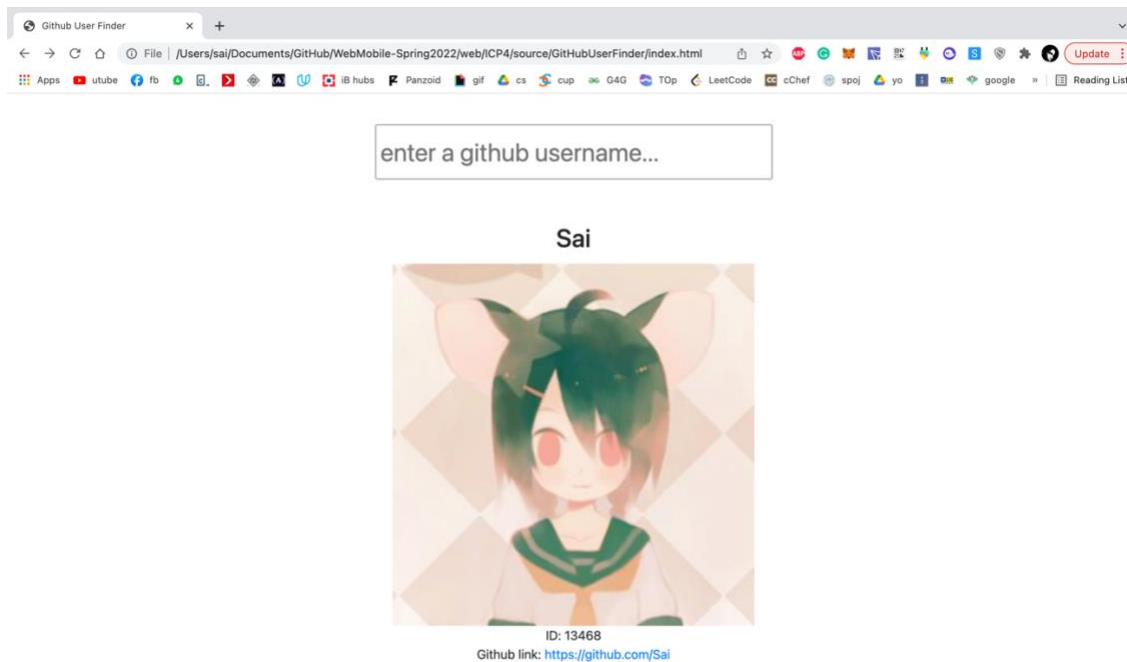
GIT Hub User Finder:

User Interface:

The web page has a search bar where web user can input username of github user he is interested in.
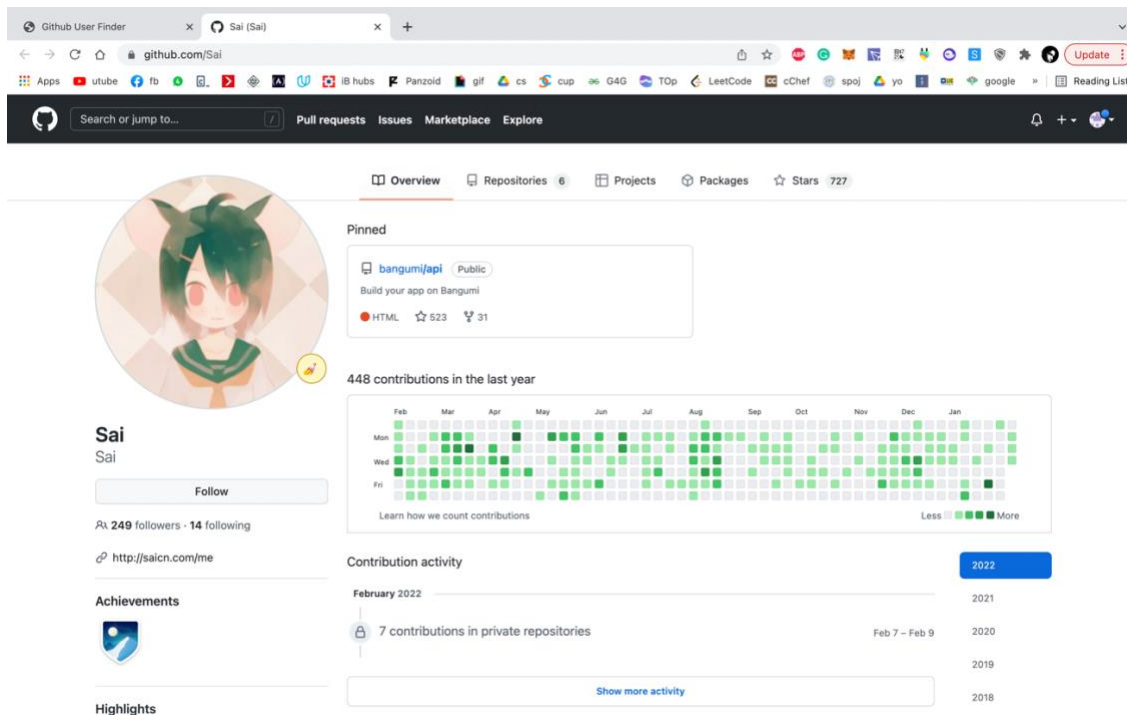
If the username exists then name, avatar, ID and github link are displayed on the page.
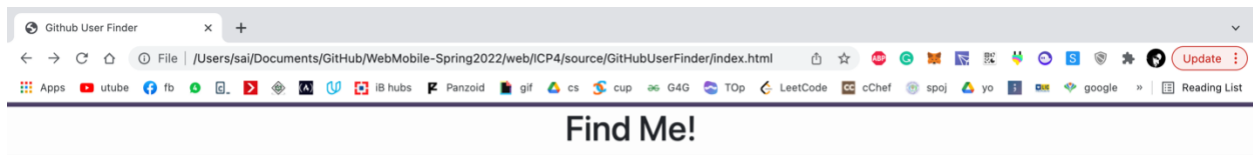
Web page when user exists:

When clicked on the github link, github profile of the user is opened on separate tab.

GitHub user profile when clicked on link:

When an invalid username is typed an error message is shown to try with different username.

No such user web page:

Source code:

HTML:

To add user information div tags with classes avatar, information and github-link are added.

Using bootstrap grid layout these div element are arranged on web page.

JavaScript:

JavaScript has 3 main methods getGithubInfo, showUser and noSuchUser

getGithubInfo():

This function fetches info of the user using username.

With the help of XMLHttpRequest function, we can make an API call with GET method on GitHub user api and fetch user info

showUser():

Using jQuery this function adds content onto the webpage

noSuchUser():

This function adds an error message when no user exists with the search username.

Learnings from the lesson:

- XMLHttpRequest function to make API calls.
- jQuery to manipulate data on web page.

Issue with the lesson:

No issues, overview of jQuery is well discussed in class and ICP made it clearer.

Contribution:

Equal contribution was made to complete java script functions.