**Team details:**

Sarath Chandra Kolisetty – [sk83g@umsystem.edu](mailto:sk83g@umsystem.edu)

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

Eeshwara Sai Tota – [ettkv@umsystem.edu](mailto:ettkv@umsystem.edu)

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}](https://api.github.com/users/%7buser%7d)

**GIT Hub User Finder:**

**User Interface:**

Graphical user interface, text, application, email

Description automatically generated

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:**

**Graphical user interface, application

Description automatically generated**

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

**GitHub user profile when clicked on link:**

**A screenshot of a computer

Description automatically generated**

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

**No such user web page:**

Graphical user interface, text, application, email

Description automatically generated

**Source code:**

**HTML:**

**Text

Description automatically generated**

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:**

**Text

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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.