

KWoC - Kharagpur Winter of Code Project Report.

About KWoC:

Kharagpur Winter of Code is a 5-week long online programme for the students, who are new to open source software development. The programme helps students to get an experience in open source development.

The best part of KWoC is that we can contribute in any of the listed projects and also we get enough time for contributing.

Selecting Projects and Setting up:

Since I had knowledge on **HTML & CSS(SCSS)** ,and basic **JS**. So,I wanted to work on projects which uses these languages and concepts.

The first project was **Accio**:

Accio is a Personal Blog Page using Zola Static Site Generator and a personal theme. Currently this project is actively in development mode.

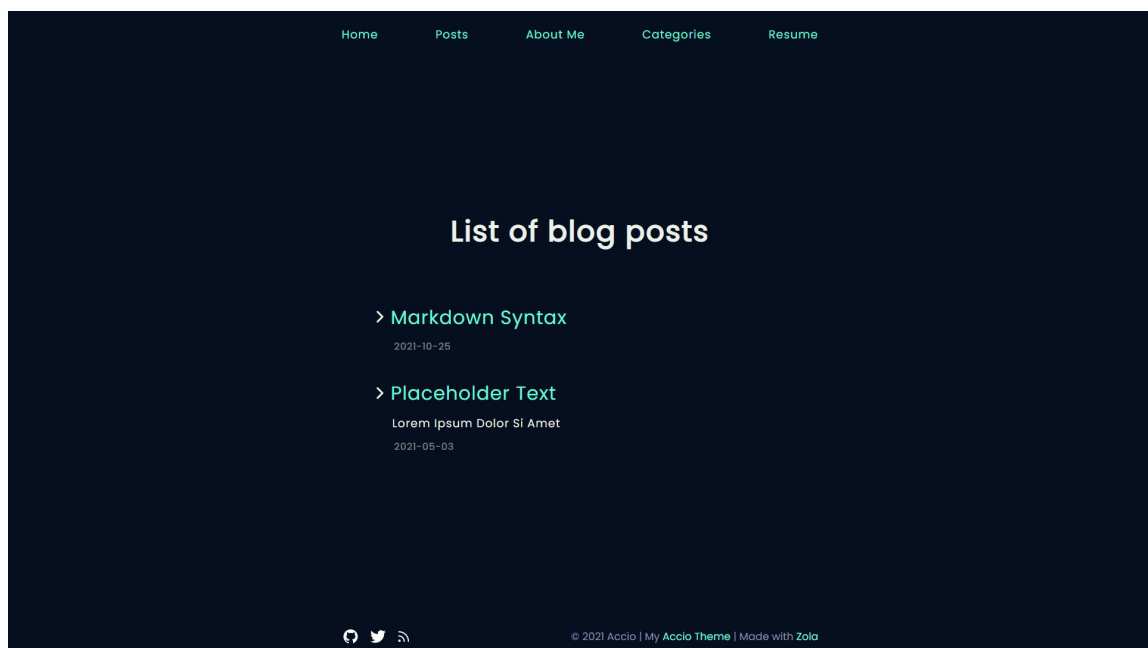
The Second project was **usage monitor**:

A browser extension that maintains a record of the time the user spends on a particular website. This helps monitor the time the user spends on different websites during browsing. The stats should be visualized in the form of graphs.

I clone these projects and started looking through the code base,asked many doubts to the projects mentors also they we very helpful. I visited the respective issue page,informed the project mentors and stated contributing. I used VS Code as my code editor and my OS was Windows.

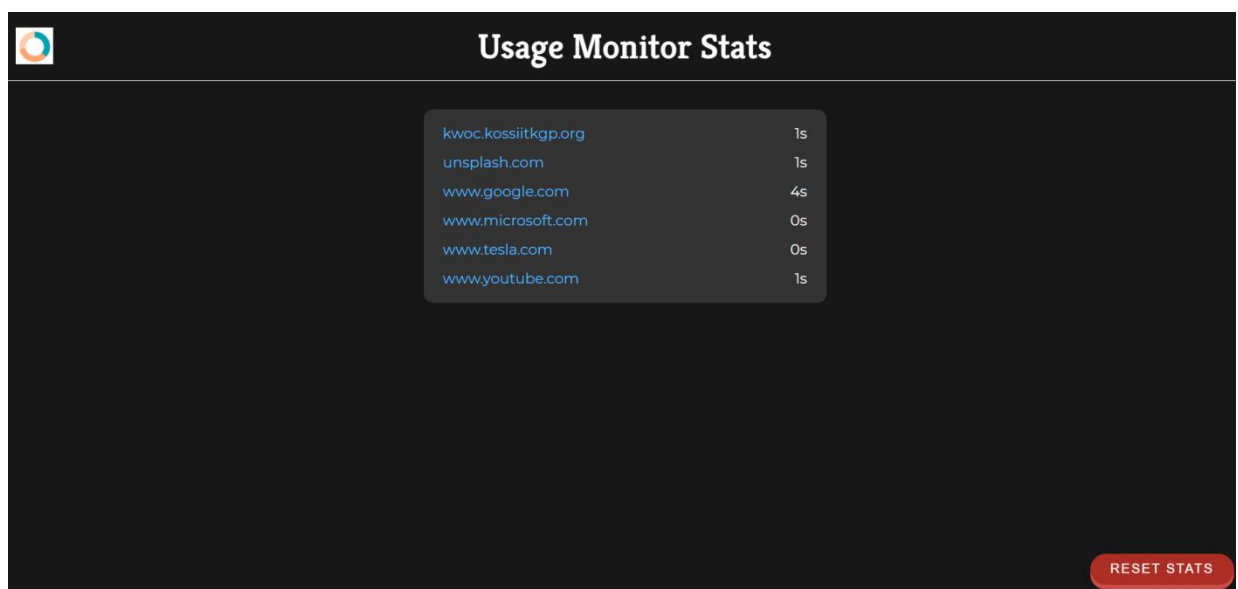
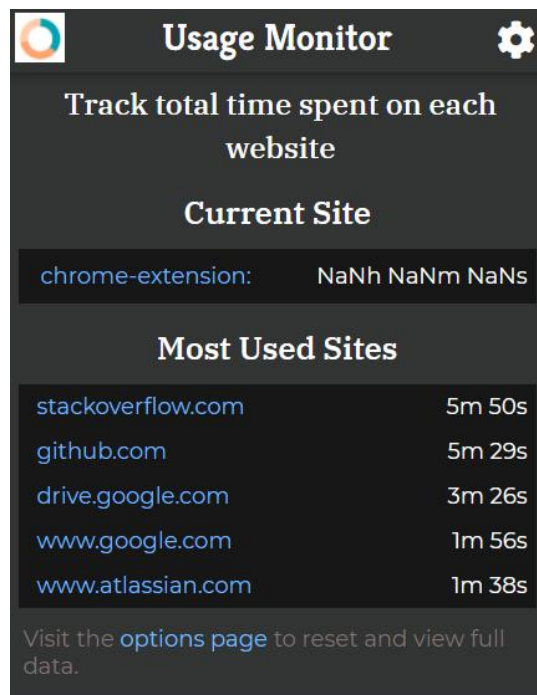
1st Contribution: Changed List Styling

I changed the the list styling in the Posts page also added the display of description and date(if present) under each list. **SCSS** for the styling and **Markdown** for the date and description part.Change the Resume button so that while clicking it the resume is opened in a new tab not the current tab.



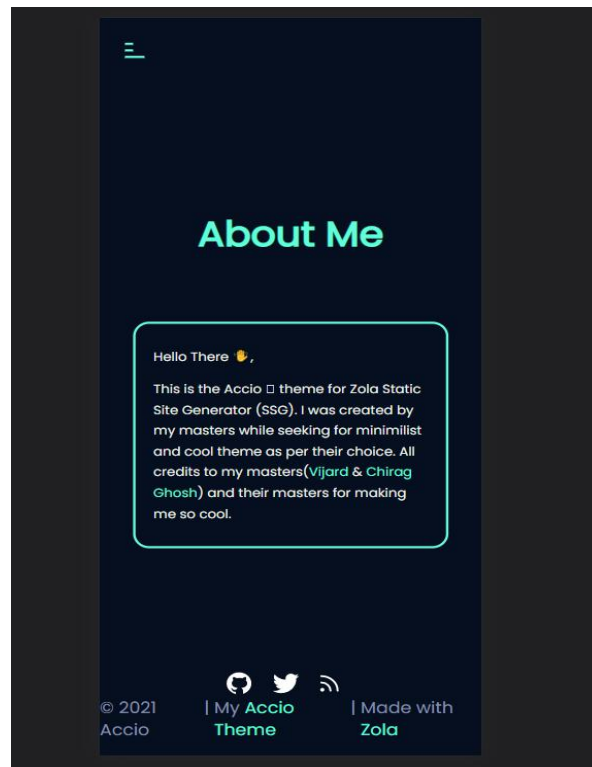
2nd Contribution: Changed the UI for the extension

Made a completely new UI for the extension popup and options page.Changed the popup and option **CSS** file, added the dark color.Also added a setting button to the popup menu which while clicking bring us to the options page.



3rd Contribution: Changed the looks of “About me” page

Again in Accio project added styling to the about me page. Made changes to the **SCSS** file and also added hand wave animation.



My Thoughts:

My experience with KWoC was very good. KWoC help me achieve my first contribution in open source development. I learned many things about- various projects, git basic commands and GitHub.

I want to thank KWoC and IIT Kharagpur for the opportunity and respective mentors for helping me throughout.

I will sure learn many things in the future and along the way I will contribute in open source projects as I believe open source contribution is the best way to apply what we have learned and also learn new things along the way.

Report by-
Rohan Paul