Team Name: Gullosen

Team Member 1: Nishith Eedula, NIT Trichy

Team Member 2: Vishruth PS Reddy, NHCE Bangalore

Problem Statement: DEV01

Introductions

We are amateur web-developers who are interested in learning new skills and are very eager to take up new opportunities. We have worked on the DEV01 problem statement with our limited skills and have come up with a functional project within the given time frame.

Proposed Method

We spent quite a lot of time designing our own Javascript components and dragging them onto the webpage. However it did not work as intended and we felt it would not be feasible to go about this problem statement. So we researched and found an open-source framework called GrapesJS which helps us create components. We decided to add on to this existing framework and make it unique and add extra features.

Work Done and Results

- We used an open-source framework called GrapesJS to drag and drop the components.
- We built a homepage listing the main features of the Web Builder.
- We created a user-friendly interface to use the Web Builder.
- We added many components such as columns, navigation bar, text box, images, links, buttons etc.
- We added many customizations to these components to design the webpage as intended using features such as CSS classes and attributes.
- We have also added many useful features like exporting the code to HTML/CSS and also previewing the created webpage.
- We also added responsiveness to our own website and also added buttons to check the responsiveness of the Web Builder website.

Conclusion

Overall, our project works as intended but has quite a few bugs. We initially planned a lot more features which could have been implemented if there was enough time. We opted to use an external framework because the limited time period makes it extremely hard to make a presentable Web Builder with all the working components. Thank you for this opportunity, we learned so much and had a lot of fun collaborating and discussing our ideas.