

Winter of Code

Proposal

for the project

“Retro”

Under

“Lakshmi Pavananjali”

About Me

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Synopsis

The website RETRO can be improved in terms of its theme, its accessibility in the user's point of view and the most important, the admin usage. It is for the overall simplicity and better functioning of the website. While going through it, there were certain minimal improvements that could enhance the overall usage experience and hence would give a great output as for the input provided.

Benefits to the Community

RETRO has a huge potential in terms of full stack development and through the means of this project, the overall browser ratings for the website shall increase. It would gather more crowd and interaction towards the website. The community would surely be benefitted from it.

Project Plan

Firstly I would improve the user interface of certain items like the “Add to wishlist” button, “Vintage Electronics” page, etc. which indirectly are acting as a bug. The overall theme would also be improvised meanwhile. Then I would improve the dark theme of the main page and add it to all the pages. The tech stack used in it would be css, Bootstrap, JavaScript.

The next part would be the elements like “Vintage Electronics” Button, “Take Subscription” Button, etc. For a new user, these are somewhat important buttons but they would be difficult to locate. I would deal with it using one of the three approaches: Reordering / Adding a completely new section / Adding a toggler. The already used tech stack would be used for a better flow.

For better Admin control and access, A notification system would be added that would notify the admin regarding the shortage of any item and so. Hence, the admin would no longer have to again and again scroll the website for checking the above mentioned. I would be using Node.js or Python for it considering what would merge better with the website.

The last action would be using chai and other website testing mechanisms for finding the remaining flaws and would improve it accordingly. Adding react.js and a database for better functioning shall be considered at the end after taking a note of what the website finally functions like.

Milestones

Milestone	Tentative Date	KPI
Week 1	January 27, 2025	Completing the basic frontend related to the overall bugs and themes.
Week 2	February 3, 2025	Improving the dark theme and adding it to the entire website.
Week 3	February 8, 2025	Improving overall accessibility of the important user options.
Week 4	February 16, 2025	Adding the Notification System Management to the website.
Week 5	February 20, 2025	Improvising the final looks of the website and adding any required feature.

Deliverables

- Improvised theme and related features.
- Adding a better Dark theme for the entire website.
- Improving user accessibility.
- Improving admin usage experience.
- Improving the overall functioning.

Acknowledgement

I would like to express my sincere Gratitude to Ms. Lakshmi Pavananjali and The Winter of Code Community for providing me with this wonderful opportunity and platform for me to strengthen my skills and nourish my potential into a better future. Looking forward to gaining this wonderful experience full of knowledge and responsibilities while being able to explore and dive into Open Sourcing and Full stack development.