

Weekly Status Report

Team Number : UG2_Team2

Team Members : Tejas Karthik , Satish , Saranya, Ganesh , Binnu , Amar

Roll No: CS23B039, CS23B038, CS23B031 ,CS23B041 ,CS23B037 , CS23B004

Idea of the application : ChromeExtension For SeniorCitizens

GitHub Repository Link : https://github.com/satish-pati/UG2_Team2_SEWebdev.git

Mentors: PG-Mentor = Rajat Mohan , UG- Mentor = Pardhiv

Date – 22-09-2024 [Week 1]

What is the progress made the previous week?

- Thinking of new web development idea , related to SDG .
- Finalised the web dev idea and discussed with mentors
- Decided on the technologies- MERN stack for our project and defined initial requirements.
- We decided on the project's initial use cases and a life cycle model.
- Started learned MERN.

What are the goals for this week?

- Documenting Requirements doc.
- Finalisation of use cases and documentation of use case and use case diagrams.
- Each team member should get enough idea of extension and MERN ,at least the basics.
- Splitting the work.
- **Roadblocks if any:**
- As of now, we have only one roadblock, which is approval from the professor. We believe our idea is strong and is original, so it shouldn't be a problem, but just in case he doesn't like it, we have to strengthen the existing idea.

Date – 29-09-2024 [Week 2]

What is the progress made previous week?

- Documented Requirements doc, Use Cases and Use Case Diagrams
- Changed the web idea.
- Learnt HTML, CSS and Learnt basic designing layouts.
- Re-decided on the technologies-Chrome Extensions and MERN.
- Started following Scrum framework.
- Meet the mentors to discuss about project idea and progress.

What are the goals for this week?

- We are Planning Work Division.
- Learning Extensions and Languages , extra plugins and about APIS required for the project.
- Splitting into single pair and we will try to complete the basic extension model with initial features.
- Planning to finish 40% of work for release 1.

Division of work:

Tejas - face Login

Satish - Detox Search

Saranya – Accessibility widgets

Ganesh – Screen Reader

Amar and Binnu – Screen Recorder

Roadblocks if any:

It was a significant setback, as we had to change the idea, due to which all the documentation had to be done from the beginning. We are still finalising stuff rather than starting to implement it, but we are happy that the professor liked our idea and was okay with us proceeding with it.

Contribution:

Tejas :

- Contributed to Requirements Doc.

- Helped in making USE CASE diagram.
- Thought of other ideas for project

Satish:

- Thinking new ideas and Putting up the new idea of project.
- Contributed To Requirements Doc.
- Helped in deciding and making USECASES
- Contributed in writing Weekly Status Report.
- Added Features for the software.

Saranya:

- Contributed to Requirements Doc.
- Added Features for the software.

Ganesh:

- Contributed to Requirements Doc.
- Contributed in writing Weekly Status Report.
- Added Features for the software.
- Helped in making Use case diagram.

Binnu:

- Contributed to Requirements Doc.
- Added Features for the software.

Amar:

- Contributed to Requirements Doc.
- Added Features for the software.

Date – 6-10-2024 [WEEK 3]

What is the progress made the previous week ?

- Learnt basics of how to build a basic extension model.
- Learning about VCS ,git and git commands .
- Designing the modules and Started implementing .
- Setting the initial Project Structure and files.
- Worked on Individual release 1 features.
- We have initiated daily Scrum meetings to discuss the progress of our work.
- Meet the mentors to discuss the project progress and cleared doubts.

What are goals for this week?

- Complete the remaining left over parts of release 1.
- Try to complete all the features required for release 1.
- Improve the already built features by adding more functionalities as suggested by the mentor.
- Diving deep into scrum and explore it.
- Submitting the release 1 before deadline.

Roadblocks if any:

We had a problem in making face login, so we decided to swap one of the release2 feature with the face login, and also we faced some problems during git upload like merge conflicts.

Contributions:

Tejas :

- Tried doing face login using open CV , but struggled with errors.

Satish:

- Implemented detox Search to hide negative Content and Show positive content only.

- Created the git repository, established the initial project files, and organized them into modules.
- Helped teammates with version control by providing support on Git commands, resolving merge conflicts, and addressing any questions.
- Made initial UI for the Project and Contributed in writing weekly status report .
- Worked on Manifest file,plugins and webPack setup for the Project.

Saranya:

- Made Accessibility Widgets like Increase font , Zoom , Color change etc.

Ganesh:

- Made Screen Reader .
- Learnt about git .
- Helped in

Amar:

- Made Screen Recorder.

Binnu:

- Helped in Screen Recorder and Worked on Bookmarks

Date – 13-10-2024 [WEEK 4]

What is the progress made the previous week ?

- Worked on all features required for release 1 .
- Improved the functionality of each feature to make it better accessible as suggested by mentor.
- Reorganizing and dividing the modules and files to improve modularity.
- Swapping of face login feature with voice commands .
- Testing the Extension across multiple devices and websites to ensure functionality.
- Completed all the features required for release 1 and Submitted before deadline .

What are goals for this week?

- To improve the Functionality of each module as suggested by mentors.
- Implementing some new features extending R1.
- Try To plan and divide the modules for R2.
- To document Class and sequence diagram to submit before deadline .
- We are Planning and splitting Work for R2.

Roadblocks if any:

One of the main challenges in this project is learning how to build a Chrome extension while also managing the web development part. Since we are not familiar with Chrome extensions, figuring out how to use the Chrome API, manage permissions, and work with background scripts takes time. It's hard to balance both building the extension and handling web development tasks at the same time, as they require different skills and knowledge.

Contributions:

Tejas :

- Organized and Modified each module by adding some additional features to improve their functionality.

Satish:

- Improved ScreenReader to Highlight the text being read to the Screen Reader and to display it on the Screen.
- Added functionality to On or off DetoxMode for Searching.
- Contributed in writing Weekly Status Report.

Saranya:

- **Changes to be made in R1 and their progress.**

Ganesh:

- **Contributed in weekly status report**
- **helped in screen reader modification.**

- Changes to be done for R1 and division of R2

Amar:

- Try to change screen recording by adding option to save location

Binnu:

- Working on release two work division and learning chrome APIs

Date – 20-10-2024 [WEEK 4]

What is the progress made the previous week ?

1. Made full plan for R2, work division is done, designed modules, Shown project till R1 to mentors, started implementing modules for R2, Studied about database and Api required.

What are goals for this week?

- 1.To complete the remaining features of R2.
- 2.Organize the UI.
- 3.To add better functionality to each feature.
4. thinking of adding additional features if possible.

WORK DIVISION FOR RELEASE 2:

Tejas – Multi Language usage

Ganesh – Ads blur

Saranya – Security Scans

Sathish – Video tutorials

Binnu – Changes to UI and Text Font

Amar – rename and relocation of downloaded file

Contributions:

Tejas:

- Adding multi-language feature to voice listener.

Satish:

- Worked on the video tutorials feature.
- Created and gathered the required videos for tutorials.
- Set up a MongoDB database to store video tutorials.
- Integrated the database with the application's backend to efficiently retrieve, display, and manage video content.
- Integrated all modules and contributed to writing the weekly status report.

Saranya:

- Working on security scan feature.

Ganesh:

- Worked on the Ad blur feature.
- Improved user experience by blurring the ads accurately.
- Helped in writing weekly status report.

Amar:

- Working on rename and relocate file.

Binnu:

- Modified the UI.
- Made Font Accessibility Tools for increasing font size ,changing font colour and font style ,and to increase the boldness of the font.

Date – 28-11-2024 [WEEK 5]

What is the progress made the previous week ?

1. Changed UI.
2. Worked on publishing .
3. Set up of database and integration with login .
4. Worked on login credentials.
5. Worked Rename ,reallocate and download.
6. Worked on security scans and ads blur.

7. Made video tutorials .

What are goals for this week?

- 1.To complete the features of R2.**
- 2.Organize the UI.**
- 3. Upgrade the backend to store more data .**
- 4.To implement the language translation feature.**
- 5.To add more functionalities through voice navigations**

Contributions:

Tejas:

- **Modified UI.**
- **Organised and divided the updated into Modules.**

Satish:

- **Worked on login Page**
- **Made UI for login page**
- **Updated database to store data of login.**
- **/ntegrated Login frontend with Backend.**
- **Organised and divided the updated into Modules.**

Saranya:

- **Working on security scan feature.**

Ganesh:

- **Worked on the Ad blur feature.**
- **Helped in writing weekly status report.**
- **Worked on deploying the project.**

Amar:

- **Working on rename and relocate file.**

Binnu:

- **Made video tutorials.**

- Made Font Accessibility Tools for increasing font size ,changing font colour and font style ,and to increase the boldness of the font.

Date – 6-11-2024 [WEEK 6]

What is the progress made the previous week ?

8. Changed UI. And worked on Release 2 features.
9. Set up of database and integration with login .
10. Worked on login credentials.
11. Worked Rename ,reallocate and download.
12. Worked on security scans and ads blur.
13. Made video tutorials .

What are goals for this week?

1. To complete remaining features of R2.
2. TO submit Rel2 .
3. To implement modifications suggested by sir.

Contributions:

Tejas:

- Worked on voice navigations .
- Added voice feedback
- Worked on Google translator

Satish:

- Modified VideoTutorials as Suggested by mentors
- Modified and Integrated UI .
- Worked on login Page frontend and backend
- Modified ads blur.
- Organised and divided the updated into Modules.

Saranya:

- Working on security scan feature.

Ganesh:

1.Modified UI.

- **Helped in writing weekly status report.**
- **Worked on Font settings Ui.**

Amar:

1. Modifed Download and Worked on Ui

- **Working on rename and relocate file.**

Binnu:

- **Made videos for tutorials.**
- **Made Font Accessibility Tools for increasing font size ,changing font colour and font style ,and to increase the boldness of the font.**

Date – 13-11-2024 [WEEK 7]

What is the progress made the previous week?

- **Changed UI.**
- **Worked on security scans.**
- **Added logout button.**
- **Added stop button , while Screen Reader is working.**

What are goals for this week?

- 1. Should make UML diagrams.**
- 2. Need to prepare the required documents.**

Contributions:

Tejas:

- **Updated voice navigations.**
- **Helped in changing UI.**

Satish:

- **Changed ui for video tutorials**

- Helped in Fixing security scan
- Updated log out button.
- Ui change for security scan.

Saranya:

- Helped in fixing security scan .

Ganesh:

- Modified Main Ui.
- Helped in writing weekly status report.
- Updated stop button in screenreader.

Amar:

- Helped in writing weekly status report.
- Helped in changing ui.

Binnu:

- Made videos for tutorials.
- Designed the Main UI.