**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\_SE\_WebDev.git**

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

**Date – 22-09-2024 [ Week 1]**

**What is the progress made the previous week?**

* **T**hinking 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 intial features.
* Planning to finish 40% of work for release 1.

**Division of work:**

Tejas **-** face Login

Satish - Detox Search

Saranya – Accesibility 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.
* Learing about VCS ,git and git commands .
* Designing the modules and Started implementing .
* Setting the intial 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.
* Submiting the release 1 before deadline.

**Roadblocks if any:**

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

**Conntributions:**

**Tejas :**

* Tried doing face login using open CV , but strucked 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 intial UI for the Project and Contributed in writing weekely 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.

**Conntributions:**

**Tejas :**

**Learning about chrome APIs**

**Satish:**

* Improved ScreenReader to Hightlight the text being read to the Screen Reader and to display it it on the Screen**.**
* Added functionality to On or off DetoxMode for Searching.
* Made Font Accessibility Tools for increasing font size ,changing font colour and font style ,and to increase the boldness of the font.
* Organized and reimplemented each module by adding some additional features to improve their functionality.
* 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**