

Project Status Report - 10/31/23

Github link -<https://github.com/Shanthaaa/CS673-project-team-2>

Team Members -

Chandana Chenchula Nandan

Shanthakumar Sivakumar

Xinyu Yang

Yuan Gao

Yuchen Zheng

Team Member: Xinyu Yang

Role: FrontEnd Developer

Date: October 31, 2023

1. Utilized Axios to request data from the backend and initialize the Rubik's Cube.
2. Implemented the feature to obtain hint data from the backend when the hint button is clicked, and successfully displayed the hint message to users.
3. Developed the functionality to send the status data of the Rubik's Cube to the backend when the save button is clicked, allowing users to preserve their progress.
4. Created a feature to reset the status of the Rubik's Cube to its initial state when the reset button is clicked.

Team Member: Yuchen Zheng

Role: BackEnd Developer

Date: October 31, 2023

1. Updated the code in api.py to adapt to new functions and changes in the application.
2. Added cube_status.txt to support the new features related to memorizing Rubik's Cube data.
3. Introduced three new functions for working with saved Rubik's Cube data, including reading saved data, updating saved data, and resetting saved data back to a fully restored state.
4. Uploaded a new Program Testing Guide (Program Testing Guide 23.10.22.txt) to facilitate comprehensive testing of the newly added functions and features.

These updates and additions enhance the application's capabilities and provide users with a more convenient and versatile experience while working with Rubik's Cube data.

Team Member: Chandana Chenchula Nandan

Role: UI and Document Writer

Date: October 31, 2023

1. Final Input Cube Page Design:

Designed and finalized the Input Cube page. This involved creating a user-friendly and visually appealing interface for users to input their Rubik's Cube configurations. The design and layout were carefully considered to ensure an intuitive user experience.

2. Design and Color Modifications:

Made significant modifications to the overall design and color scheme of the application. This involved refining the visual elements and selecting a harmonious color palette that enhances the aesthetics and usability of the application.

Collaborated with another UI team member, Yuan, to finalize the color choices and design elements to ensure consistency in the application's visual identity and a cohesive user interface.

3. Software Design Document:

Worked on the software design document, outlining the Overview and design aspects of the application. This document serves as a comprehensive guide for developers and stakeholders, ensuring a clear understanding of the application's structure and functionality.

4. Follow-Up with Developers:

Maintained regular communication with the development team to ensure they are on track with their tasks and deliveries. Helped with tracking progress, addressing any questions or issues, and providing support as needed.

5. Project Status Report:

Created the project status report for the week. This report summarizes the progress, achievements, and challenges faced by the project team. It provides stakeholders with a clear overview of the project's current status.

Reviewed and addressed comments and feedback from the previous project status report among the team

6. Meeting Minutes:

Drafted the minutes of meetings held during the week. Meeting minutes serve as a record of discussions, decisions, and action items, ensuring that everyone is aligned and accountable for their respective tasks.

Team Member: Shanthakumar Sivakumar

Role: Project Manager (PM), Software Quality Assurance (SQA)

Date:31 October,2023

Accomplishments:

- Conducted discussions with the development team to track the project's progress. Addressed any challenges and provided necessary support to keep the development on track.
- Worked diligently on the software design document, focusing on this week's deliverable.
- Conducted a comprehensive team briefing, outlining the project's current status and the significant contributions made by our developers in completing this week's assignments. Acknowledged and appreciated the team's dedication.
- Conducted thorough code reviews for several modules, so that the process of testing becomes smoother.

Team Member: Yuan Gao

Role:UI

Date:31 October, 2023

1. UI Design Modifications:

Made significant modifications to the UI design file, focusing on the Input Cube page and the Mode Selection page. These changes were implemented to improve the user interface, enhance user experience, and ensure a more visually appealing design.

2. "Forget Password" Page Creation:

Introduced a new page named "Forget Password" to the application. This addition addresses a previously missing component in the application's functionality, enhancing user convenience and security.

3. Collaboration with Developers:

Actively communicated with both frontend and backend developers to ensure alignment between the UI design and the development process.

Gathered feedback and inputs from the development team and made necessary adjustments to the UI design to accommodate their requirements and recommendations.

Meeting Minutes - October 28, 2023 Time - 9.00pm - 10.00 pm EST

Attendees:

Chandana Nandan

Shanthakumar

Xinyu Yang

Yuan Gao

Yuchen Zheng

Agenda:

1. Developer Page Discussion:

We discussed the Developer page and resolved any doubts or questions regarding its design and functionality.

Clarified the purpose of the Developer page and how it integrates with the rest of the application.

2. Task Assignment:

Assigned specific tasks to each team member to move the project forward.

Xinyu will continue frontend development, focusing on Rubik's Cube manipulation.

Yuan will work on refining the design, exploring dynamic visuals.

Chandana will continue with UI design and documentation efforts.

Shanthakumar will oversee the coordination of tasks and requirements.

3. Output Sharing:

Team members shared their recent outputs and progress on their respective tasks.

Discussed challenges and exchanged ideas to address them.

4. SDD Document Contribution:

Emphasized the importance of contributing to the Software Design Document (SDD) to ensure comprehensive documentation of the project.

Everyone agreed to actively participate in drafting and enhancing the SDD to capture all design and development details.

5. Future Meeting:

Agreed to meet again on November 5, 2023, to review progress and address any outstanding issues.

Action Items:

- Yuchen to continue backend development, with a focus on algorithm integration and error handling.
- Xinyu to further develop the user interface, concentrating on Rubik's Cube manipulation features.
- Yuan to refine the design aspects, particularly exploring dynamic visuals.
- Chandana to continue UI design and documentation efforts.
- Shanthakumar to ensure effective coordination of tasks and requirements.

Next Meeting - November 5, 2023.

Overall, the team discussed and resolved doubts related to the Developer page, assigned tasks, and shared outputs. Everyone is actively contributing to the project and working on the SDD document. The next meeting is scheduled for November 5th to review progress.