Weekly Report

05/08/2024 – 11/08/2024

Group ID: **3**
Project Name: Gogle
Prepared by: **Vo Nguyen Phuong Quynh**

Team members:
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1. Achievements since last week:

STT	Description	Due Date	Responsibility	%Complete
1	Update Software Architecture Document	04/08/2024	All members	100%
2	Create Deployment Diagram	03/08/2024	Cao Huu Khuong Duy Ly Dinh Minh Man	100%
3	Develop UI Prototype	03/08/2024	Vo Nguyen Phuong Quynh Huynh Cao Tuan Kiet	100%
4	Weekly Report #11	02/08/2024	Le Duy Anh	100%
5	Fix API User ID Issue	02/08/2024	Huynh Cao Tuan Kiet Le Duy Anh Cao Huu Khuong Duy	100%
6	Intergrating API into frontend	03/08/2024	Ly Dinh Minh Man	100%

a. **Update Software Architecture Document:**
- Refine the architecture document to ensure it accurately reflects the current state of the system and aligns with future plans.
- Require collaboration among all team members to incorporate recent changes and ensure that the document serves as a reliable guide for ongoing and future development efforts.

b. **Create Deployment Diagram:**
- Visualize how the system will be deployed in the live environment.
- This diagram helps in understanding the relationships between different components, servers, and networks.
- Ensuring that the system can be efficiently scaled and maintained.

c. **Develop UI prototype**
- The prototype was designed to be as close to the final product as possible, allowing for thorough usability testing and feedback collection.
- Identify any design flaws or user experience issues before full-scale development.

    d. **Weekly Report #10:**
- Preparing the weekly report involved documenting the team's progress, challenges, and plans.

    e. **Fix API User ID issue:**
- Fixing this issue was essential to maintaining data integrity and ensuring that user-related functionalities operated correctly across the system.

    f. **Integrate API into Frontend:**
- enabling the frontend interface to interact with backend services.
- allowing users to perform actions and retrieve data seamlessly.

2. Issues and impacts:

    a. **Update Software Architecture Document**
- **Issue:** Keeping the architecture document up-to-date with the evolving system design and requirements is essential. This requires continuous collaboration among team members to ensure all changes are reflected accurately.

- **Impact:** An up-to-date architecture document facilitates smooth communication among team members and stakeholders, ensuring that everyone is aligned on the system's structure and future direction.

    b. **Create Deployment Diagram**
- **Issue:** Designing a deployment diagram that accurately represents the system's environment and deployment process, including considerations for scalability, security, and performance.

- **Impact:** A well-constructed deployment diagram ensures that the system can be deployed efficiently and maintained easily, minimizing downtime and operational risks.

    c. **Develop UI Prototype**
- **Issue**: Transforming UI designs into an interactive prototype that accurately reflects the user experience and gathers meaningful feedback from usability testing.

- **Impact**: A functional UI prototype allows the team to identify potential usability issues early in the development process, leading to a more user-friendly final product.

    d. **Fix API User ID Issue**
- **Issue:** Resolving a critical issue related to the API's handling of user IDs, which is crucial for maintaining data integrity and ensuring correct user interactions.

- **Impact:** Fixing this issue ensures that the application functions correctly and securely, preventing data-related errors that could affect user experience and trust.

    e. **Integrate API into Frontend**

- **Issue:** Seamlessly connecting the frontend with the backend API, ensuring that data is exchanged efficiently and features are fully implemented.
- **Impact:** Successful API integration is crucial for the application's overall functionality, enabling users to interact with the system as intended.

3. Next week goal:

This coming week, we will build upon the progress made this week by focusing on the following key areas:

Architecture and Design

- **Test UI Flow & Feedback:** Test the current UI flow to identify any usability issues or bugs. Gather feedback from users or stakeholders to improve the design and functionality.

- **Improve UI prototype:** Based on feedback and testing, make necessary improvements to the UI prototype to enhance usability and user satisfaction.

Project testing and validation

- **Generate Test Cases:** Develop comprehensive test cases to ensure that all features and functionalities are thoroughly tested before deployment.

- **Update Use-Case Specification Document:** Review and update the Use-Case Specification Document (UCSP) to reflect any changes or new insights gained during development.

Project Management

- **Weekly Report #11:** Document the team's achievements, challenges, and plans for the upcoming week.

By successfully completing these tasks, we will advance the project significantly and lay a solid foundation for future development.

STT	Description	Due Date	Responsibility
1	Test UI Flow and Feedback	7/08/2024	All members
2	Improve UI Prototype	11/08/2024	Vo Nguyen Phuong Quynh Huynh Cao Tuan Kiet
3	Generate Test Cases	11/08/2024	Le Duy Anh Ly Dinh Minh Man
4.	Update UCSP Document	11/08/2024	Cao Huu Khuong Duy