Weekly Report

29/07/2024 – 04/08/2024

Group ID: **3**
Project Name: Gogle
Prepared by: **Le Duy Anh**

Team members:
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1. Achievements since last week:

STT	Description	Due Date	Responsibility	%Complete
1	Fix errors in current application flow	25/07/2024	Ly Dinh Minh Man Le Duy Anh	100%
2	Apply research result	27/07/2024	Huynh Cao Tuan Kiet Le Duy Anh Ly Dinh Minh Man	100%
3	Design UI from given wireframes	25/07/2024	Vo Nguyen Phuong Quynh	100%
4	Research Test Driven Development (TDD) method	28/07/2024	All members	100%

1. Fix Errors in Current Application Flow

- Analyze the current application's user journey for bottlenecks, inconsistencies, and error points.
- Identify specific areas causing user frustration or system failures.
- Implement changes to streamline the user flow and improve overall application efficiency.

2. Apply Research Results

- Review research findings for actionable insights relevant to the application.
- Integrate research-backed features or design elements into the product.
- Measure the impact of applied research on user satisfaction and product performance.

3. Design UI from Given Wireframes

- Transform wireframe designs into high-fidelity visual mockups.
- Ensure UI elements align with brand guidelines and usability best practices.
- Conduct usability testing to gather feedback and iterate designs.

4. Research Test-Driven Development (TDD) Method

- Learn the core principles and benefits of Test-Driven Development.
- Evaluate the suitability of TDD for the current project's requirements.
- Create a TDD implementation plan if determined to be beneficial.

5. Issues and impacts:

1. Fix errors in current application flow

- **Issue:** Identifying and rectifying defects or inefficiencies within the existing application's workflow. This involves thorough analysis of the current system, understanding user interactions, and pinpointing areas for improvement.

- **Impact:** Resolving errors enhances user experience, improves system performance, and prevents potential data loss or system crashes. Addressing inefficiencies can increase productivity and reduce operational costs.

2. Apply research results

- **Issue:** Incorporating relevant research findings into the application to enhance its functionality and user experience. This requires a deep understanding of the research, its implications, and how to integrate it into the existing system.

- **Impact:** Leveraging research insights can lead to innovative solutions, improved user satisfaction, and a competitive advantage. Failure to apply research can result in missed opportunities and suboptimal product development.

3. Design UI from given wireframes

- **Issue**: Transforming wireframes into a functional and visually appealing user interface that aligns with the application's overall design language and user experience goals. This task requires attention to detail, consistency, and a deep understanding of user needs.

- **Impact**: A well-executed UI design enhances user satisfaction, improves usability, and strengthens the application's brand identity. A poorly designed UI can lead to user frustration, increased error rates, and negative perceptions of the application.

4. Research Test Driven Development (TDD) method

- **Issue:** Acquiring knowledge about Test Driven Development (TDD) principles and practices to determine its suitability for the project. This involves understanding TDD concepts, benefits, and potential challenges within the specific development context.

- **Impact:** Implementing TDD can improve code quality, increase test coverage, and facilitate faster development cycles. Lack of TDD knowledge can lead to higher defect rates, increased maintenance costs, and potential project delays.

Next week's goals:

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

Architecture and Design

- **Update Software Architecture Document:** Refine the architecture document to accurately reflect the system's current state and future direction.
- **Create Deployment Diagram:** Visualize the system's deployment environment to ensure smooth operations and scalability.
- **Develop UI Prototype:** Create an interactive UI prototype to test usability and gather feedback.

API Integration and Bug Fixes

- **Fix API User ID Issue:** Resolve the API user ID problem to maintain data integrity and system functionality.
- **Integrate API into Frontend:** Connect the frontend with the API to enable seamless data exchange and feature implementation.

Project Management

- **Weekly Report #10:** 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	Update Software Architecture Document	04/08/2024	All members
2	Create Deployment Diagram	03/08/2024	Cao Huu Khuong Duy Ly Dinh Minh Man
3	Develop UI Prototype	03/08/2024	Vo Nguyen Phuong Quynh Huynh Cao Tuan Kiet
4	Weekly Report #10	02/08/2024	Le Duy Anh
5	Fix API User ID Issue	02/08/2024	Huynh Cao Tuan Kiet Le Duy Anh Cao Huu Khuong Duy
6	Intergrating API into frontend	03/08/2024	Ly Dinh Minh Man