COMP9900 Term 2 Computer Science Retrospective A

9900F14A

Team WellP

Members:

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Meeting Time: 29 June 2024, 7:00 PM

Meeting Attendance: All six members were present.

Submission Date: 30 June 2024

I. What Went Well

1. **Meeting Sprint 1 Expectations:**
   - The overall project progress met the expectations of Sprint 1. The team successfully completed the most of planned tasks and deliverables within the sprint timeline. This accomplishment is a testament to our careful planning and effective time management. The use of Agile methodologies helped in maintaining focus and adapting to any minor challenges that arose.
2. **Successful Implementation of Technology Stack:**
   - The technology stack, including HTML, JS, CSS, JQuery, Bootstrap, Python, Django, Django REST Framework (DRF), JWT, Celery, and MySQL, has been implemented as expected. Each component of the stack integrated seamlessly, providing a robust foundation for our application. The backend infrastructure, particularly the use of Django and DRF, facilitated the rapid development of APIs, while the frontend technologies enabled a responsive and user-friendly interface.
3. **Stable Cooperation Between Front-End and Back-End Teams:**
   - The cooperation between the front-end and back-end teams has been stable so far. Regular communication and collaboration have ensured that both teams are aligned on project goals and timelines. The back-end team consistently provided the required APIs on time, which allowed the front-end team to proceed without delays. This synergy was enhanced by regular stand-up meetings, collaborative problem-solving sessions, and the use of Jira.

II. What Did Not Go So Well

1. **Inaccurate Design of Story Points:**
   - The design of story points did not accurately describe the specialized functionality, instead putting more effort onto the common features for all website. Additionally, the organization and prioritization of user stories were weak, which resulted in confusion and inefficiencies in the workflow.
2. **Inadequate Data Storage Security in the Back-End:**
   - The current design of data storage in the back-end has not been secure enough, such as lacking of hashed password.
3. **User Interface can be more user-friendly:**
   - When user log in or register website, the corresponding input boxes are not guided enough, hence leading misunderstanding.
4. **Insufficient Preparation for Progressive Demo A:**
   - The presentation for Progressive Demo A was too short and lacked proper preparation, resulting in a less impactful demonstration of our progress.

III. Things to try over the next sprint

1. **Refine Story Point Estimation:** To enhance the accuracy of our sprint planning, it is essential to refine our story point estimation process to be more specific to our own project. Try to avoid designing user story like As a user, I want the webpage to have a nav bar, so that I can easily access different sections of the website..
2. **Secure the Data Storage:** We will implement strong hashing algorithms for user passwords, ensuring they are securely stored and protected against breaches. Additionally, we will adopt JSON Web Tokens (JWT) for secure user authentication, providing a robust mechanism for verifying user identities and managing sessions.
3. **Optimize Website Reminder:** we will introduce clear and visible reminders on all user input pages. These reminders, highlighted in red and bold, will provide users with immediate guidance and feedback, helping them understand what is required and avoid common mistakes.
4. **Presentation Preparation:** we will dedicate time to rehearse thoroughly before Progressive Demo B. This preparation will involve reviewing key points, practicing delivery, and refining our presentation materials to ensure clarity and impact.

IV. Responsibilities Assignment

1. **Refine Story Point Estimation:** Yifan Yu
2. **Secure the Data Storage:** Ruixi Liu
3. **Optimize Website Reminder:** Linxuan Lyu
4. **Presentation Preparation:** Lianqiang Zhao

Figure 1: Assigned Responsibility