

## Weekly Update

**Group Name and Number:** Group14 professional team

**TA:** Lai Yishu

**We met with our TA for** 60 mins, in person/on Zoom this week.

Item	
1.	<p>What our group has done since our last meeting:</p> <p>1.This Wednesday, our team held a meeting as scheduled in the fourth teaching building. From last time to this meeting, our team continued to improve the page, patched some bugs, and ensured the normal use of some common functions. Meanwhile, the back-end deployment and interface invocation were also completed. The page of the new implementation page has three types of users (owner, property, and home page for anonymous users). It ensures that anonymous users can view some community information and use some related functions. In addition, owners can view electronic books in the electronic library, view community-related services, and also view announcements. The property can add or remove books, as well as remove or add new announcements.</p> <p>2. In addition to making progress in page deployment and functionality, the team is also focused on enhancing the user experience through various optimizations, and we are working on optimizing the performance and loading speed of the application. By carefully analysing the code base and implementation of best practices, we were able to significantly reduce load times and enhance overall responsiveness. This optimization not only improves user satisfaction, but also lays a solid foundation for future scalability and growth so that we can continue to iterate on our progress."</p> <p>3. At the same time, we also organized the team members to complete the recording of the mid-term demonstration video and improve the documents of overleaf this week.</p>
2.	<p>Contributions of each team member since our last meeting (show overall % contribution):</p> <p>Sun Ruotong: 16.7%,  Liu Xinran: 16.7%,  Zhang Juncheng: 16.7%,  Liu Huiyang: 16.7%,  Wang Shizheng: 16.7%,  Qi Te: 16.7%</p>
3.	<p>We have the following questions and/or issues that we would like to discuss:</p> <p>1. Strengthen the development and improvement of code parts: speed up the overall development schedule and free up more time for the next level of optimization and improvement.</p> <p>2. Security and privacy protection: Ensuring the security of your pages and applications is Paramount. Review code for potential security vulnerabilities</p>

	<p>and take appropriate measures to enhance data protection and user privacy.</p> <p>3. Scalability: Ensure the next stage of page scalability development. It is worth talking about innovation on the basis of what has been done.</p> <p>4. Performance Monitoring and tuning: Periodically monitor application performance and tune based on the monitoring results. This helps identify potential performance issues and resolve them in a timely manner to maintain high performance of the application.</p> <p>5. Team communication and cooperation: It is important to maintain good communication and cooperation between teams. Hold regular meetings to share progress and problems found to ensure reasonable division of labor among team members in the next stage.</p> <p>6. Next stage development plan: The next stage of the task is worth considering, so that we can ensure that the pace of development in the later stage is not a problem.</p>
4.	<p>What we plan to do before the next meeting:</p> <p>1. Continue to optimize code, improve code quality, refactor parts of code to improve maintainability, and use tools and techniques to automate repetitive tasks.</p> <p>2. Continue to review code to find and fix potential security vulnerabilities, and implement additional security measures to enhance data protection and user privacy.</p> <p>3. On the basis of the current thinking how to further improve the scalability of the page. New technologies or architectures can be explored to support larger scale users and data, as well as to improve the resilience and flexibility of the system.</p> <p>4. Continuously monitor application performance and tune based on the monitoring results. Consider using performance monitoring tools and techniques, as well as optimizing code and resource usage, to improve the performance and responsiveness of your application.</p> <p>5. Develop a detailed development plan for the next phase, including task assignments, timelines, and milestones. Ensure that the plan is reasonable, and make adjustments according to the actual situation to ensure the smooth progress of subsequent development.</p>