

## 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> <ol style="list-style-type: none"> <li>1. This Wednesday, our team held a meeting as scheduled in the fourth teaching building. During this meeting, we summarized the existing problems according to the test reports given back by other groups, conducted our own test on the project, and assigned these problematic parts to team members for modification and debugging.</li> <li>2. During this week, we try to fix the deployment bug. Because we used next.js for the front end, and flask for the back end, this led to some problems on deployment, to solve the problem of insufficient ports, we learned and used nginx. Secondly, we have also made adjustments to the shortcomings and bugs of some basic functions. In this week's class, we tested each other's projects with two other groups and wrote a report given back to the group in charge of the test.</li> <li>3. In terms of function, front-end: <ul style="list-style-type: none"> <li>Online library (Ebook): Modified the book display interface, widened the chapter display list, reduced the number of chapters displayed on a single interface, and modified the interface layout.</li> <li>Admin user review page: For reviewed applications, a status display has been added so that administrators can see the details of the reviewed application and whether the request has been accepted or rejected.</li> <li>Admin user management sidebar: Fixed a bug where the sidebar used by administrators to manage enterprise users and administrative users would sometimes disappear.</li> <li>Back end: Deploy based on front-end updates.</li> </ul> </li> <li>4. Configuration adjustment: We have made some adjustments to the configuration of the project file, in order to make it easier to convert development and deployment versions, and adjust the code format to avoid compilation errors during deployment.</li> </ol>
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> <ol style="list-style-type: none"> <li>1. Format unification and improvement of the code part: In the process of fine-tuning, it is found that different team members have different code formats, which makes it difficult for team members to understand each other and help modify the code, and compilation problems may occur during deployment.</li> <li>2. open AI interface: The AI assistant function we designed has been placed on the right side of the website, but the open AI interface cannot be used normally for the time being. We need to investigate the problems gradually and repair them so that users can use the functions of the AI assistant normally.</li> <li>3. Project Performance: When our projects run on different computers, sometimes when we do some operations, even including switching the button on the navigation bar, the system response is slow, we need to optimize the algorithm to ensure the smooth background animation of the interface and smooth user operation, so as to improve the user experience.</li> <li>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 promptly to maintain high performance of the application.</li> <li>5. Team communication and cooperation: It is important to maintain good communication and cooperation between teams. Hold regular meetings to share progress, so problems can be found and solved in time, and ensure reasonable division of labor among team members in the next stage.</li> <li>6. Next stage development plan: Next week we need to discuss matters related to recording videos and making ppt, and prepare for the final presentation. We plan to discuss the outline and content of the ppt in the next group meeting, assign division of labor to team members, and design the content that the video wants to present.</li> </ol>
4.	<p>What we plan to do before the next meeting:</p> <ol style="list-style-type: none"> <li>1. Continue to test and debug our completed functions to ensure that users do not have abnormal conditions when using, while repairing the vulnerabilities in the functions and interfaces, and ensuring user comfort.</li> <li>2. Continue to solve problems related to deployment, solve the problem that cannot be deployed due to insufficient ports, successfully deploy the project to the virtual machine, and fix related bugs.</li> <li>3. Optimize the performance of the website, improve the running speed, improve the fluency, and ensure the smooth operation of users.</li> <li>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.</li> <li>5. Prepare for the next stage of our presentation and presentation by planning in advance the content, features, and presentation style to be included in the presentation. Consider the division of labour in advance to save time for the next meeting.</li> </ol>