

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"> 1. This week, our team carried out a reasonable division of labor. We divided members to write different parts of the project proposal according to the details of the email released by the teacher. 2. We have had a lot of communication about the names of the software company and the client company to ensure that the naming is more meaningful. 3. We sorted out the technical routes and functional ideas discussed before and wrote them into the proposal reasonably. 4. Through the discussion in the proposal about solving the customer company's pain points, we discovered areas in the previous design that were not in line with the theme and made modifications. 5. At the meeting this Wednesday, we discussed with the team members and added some changes that needed to be made. 6. We also asked them for some suggestions on this and further improved the text. 7. In addition, other members of our team started the design of the interface and found some areas for improvement through discussion. Some members also designed the basic interface UI of the software. After designing everything correctly, we began to write these interfaces. 8. We have formulated the specifications for the interface part this week and completed the design of the front-end and back-end interfaces. 9. We created an E-R diagram for the data we might use and tried to convert it into a database file
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"> 1. The UI design for most of the base pages has been determined, and the component plug-ins that will be used have been largely determined, so we're going to start translating these interfaces into actual code. But we also need to consider the team's control over development time and how to

	<p>synchronize work processes.</p> <p>2. Since the database is still undefined, we need to continue discussing how to use and design the database properly based on the types of data we might use in future development.</p> <p>3. Before starting coding, make sure the team has a clear understanding of the security and user privacy of the application, and that these aspects are taken into account during the design and development process.</p> <p>4. We will discuss what security measures to take, such as data encryption, authentication, access control, etc., and how to protect users' private information.</p>
4.	<p>What we plan to do before the next meeting:</p> <p>1. Plan to effectively manage development time before the next meeting. Break down tasks into smaller, manageable pieces and allocate your time accordingly. Consider using project management tools to track progress and identify potential delays.</p> <p>2. We can also continue the discussion and refine the database design, depending on the type of data the application will use. Consider scalability, data relationships, and optimization techniques.</p> <p>3. Have a deep understanding of the project content, and strive for each member to give more suggestions in their own areas of expertise in the next meeting to improve the expected project.</p> <p>4. We will complete the initial implementation of the login page before the next meeting, including jwt verification and other content.</p> <p>5. We are preparing to implement basic theme switching functionality next week.</p>