

**Chua Jia Lin**

In this project, I act as a leader for the development team named Tech Hi-Five. As a leader, I am responsible to oversee the entire project, to ensure all team members collaborate together to develop the Koperasi Kakitangan KADA (KKK) System successfully. There are multiple modules in the proposed system and I am in charge of the Member Module, membership termination application, and track membership termination status. The member module includes functionalities such as view financial status, view transaction histories, editing profile, editing heir information, and editing amount of salary deduction. Besides, I also created a feedback functionality. The feedback functionality includes feedback form submission, feedback status tracking, and feedback status updating by administrator. In addition, I create an administrator dashboard in the administrator interface so that the administrator can view simple analysis of the applications.

Other than that, I also contribute a lot to the documentation of the proposed system such as the System Requirements Specifications (SRS), System Design Document (SDD), alpha testing, System Test Document (STD), P1, P2, P3, user manual, and the project report. In these documents, I clearly explain the details about the module and functionality that are under my responsibility. My contribution in these documentations has provided clear explanations about the modules I am responsible for, and ensures the readability for stakeholders.

**Goe Jie Ying**

I was mainly responsible for the development of the admin approval module in this project. This module handles three types of approvals for applications from members: member application approval, loan application approval, and membership termination approval. In these three types of approvals, every time the status changes, corresponding actions will be taken. I ensure that the details of the member whose status is changed are accurately updated in the database, allowing the admin to view the most up-to-date information regarding the member's status.

Additionally, I am responsible for preparing various lists, such as the current members list, past members list, loan applicants list, and past loan applicants list for the admin, allowing them to view the complete lists of different types of members. I also actively participated in alpha testing and group documentation so that our group present the details of our system more effectively through the documentation and report to every lecturer.

**Lam Yoke Yu**

The module that I am responsible for is the Manage System module. This module comprises 3 parts which are transaction, update policies and update banner module. Other than the transaction modules that are necessary requirements required by the client, the update policies are proposed to ensure flexibility and sustainability of the system.

**Tan Yi Ya**

The module I was responsible for is User Authentication and member registration module. I created the login and logout interface for starting and terminating sessions for each user. The session is design in a way that unauthorised individuals will not be able to view the content of the system. For example, admin interface will not be visible and accessible to member. Secondly, I created the forget password page in a way that validate member by member ID and email. An email will be sent to the email if a matching record is found in database, with a link that contains a token that lives for 10 minutes. The member can securely reset their password and login to the system.

The registration form is also done with functions to retain input between pages to allow modifications. Input validation and flow guide are also available such as a user must complete all required fields before saving and must save before proceeding to the next page. Every input is also validated with correct required format and sanitised to prevent SQL injections and malicious attack.

I was also responsible for hosting the web system. I hosted the system on cPanel through jimathosting with a domain name of kkkssystem.xyz. I configured the CNAME server and SSL certifications as well as done testing and bug fixing on the system.

I also participated in the documentation of modules of including but not limited to SRS, SDD, STD. I have also created the user manual of user authentication module and registration module to ensure a seamless experience of the client with what we developers of the system anticipated.

**Teh Ru Qian**

I contributed to the KKK Online System by developing the Loan Module and Admin Reporting Modules. I designed and developed the process for members to view their loan details, apply for loans and check repayments in the Loan Module. I ensured that the system calculates loan interest, verifies user input and offers a user-friendly interface. In order to help administrators effectively manage the cooperative's operations, I developed a system for the Admin Reporting Module that allows them to provide detailed information on member applications, loan statuses, transaction summaries and financial health. I also involved functionality to show financial policies such as loan boundaries and membership fees. My contribution was on ensuring accuracy and clarity, allowing administrators to more effectively manage the cooperative's finances.

Besides, I actively participated in the alpha testing phase for the Loan and Admin Reporting modules. I concentrated on finding and resolving any early problems to make sure the system operated without problems. As part of my work, I made sure that all data was correctly presented

and functioning properly in both modules. To guarantee smooth functioning across the platform, I also worked on integrating the modules with the rest of the system.

Additionally, I participated with the documentation for both modules by creating the technical documents that were required, such as the SRS, SDD, SDT and more. I worked to create user manuals and the project's presentation slides, ensuring that the final product was clear, user-friendly and understandable to both users and administrators.