Good day everyone, I’m Chia Wan, the leader of the Team Timber. My other teammates are Yi Tong, Leonard and Chek Fung. Today, our team will be presenting on our project, diabetes monitoring system to our supervisor Prof. Patrick and other judge panels.

The presentation will start from me, presenting about our client and introducing the project, followed by Yi Tong, talking about the project plan, the process and also the login module, and the dashboard module of the product demo. After that, Leonard will demonstrate the management module and patient module while Chek Fung will demonstrate the remaining modules we have done in this semester, talking about our future plan during the semester break and conclude the presentation.

Our client is Ubisson Sdn. Bhd. Ubisson is a subsidiary medical company of RX Pharma Sdn. Bhd. with a focus on developing innovative healthcare solutions. They aim to improve patient care by introducing advanced pharmaceutical and healthcare solutions that enhance quality of life. Also, they are keen on collaborates with globally recognized innovators in the pharmaceutical and healthcare industry to promote innovative solutions for better patient outcomes.

As traditional methods of monitoring blood glucose levels involve multiple devices and manual records, which can be inconvenient and lead to errors, as well as the process is time-consuming and requires regular effort from patients or healthcare professionals. Other than that, it is challenging for the diabetes doctors to track their patients’ health condition especially when they are not physically in the clinic or hospital.

In order to tackle to problem, Ubisson requires our team to develop a diabetes monitoring system to allow diabetes patients to record their health readings easily and efficiently as well as allowing the doctors to monitor their patients’ conditions anytime, anywhere.

The following shows the objectives of our project. First, the final product we develop should allow patients to easily record and track their blood glucose, blood pressure and cholesterol levels from multiple devices using their smartphones. In addition, the system should provide doctors real-time alerts when patients are experiencing hyper or hypo events. Apart from that, the system should also enable doctors to group their patients into different practice groups and enable admins to manage organization, user profiles, as well as assign roles and permissions as needed.

The product will consist of a mobile application, a web application, and a server. The mobile application allows the diabetes patients to record their blood glucose, blood pressure and cholesterols level. The web application allows the system administrators, organization administrators and healthcare professionals to manage the patients.

That’s all from me. Now I will pass the mic to Yi Tong. Thank you.