

What we learned as a team in this project?

We are the TBA team of TCC3141 Cloud Computing. We have a total of five members, respectively, team leader Vincent, team members Kian Hui, Dylan, Hong Yeap and Jian Cheng. And this project is to design and develop a simple mobile application on the cloud and upload to Github. We learned a lot from this project, both from developing the application and from the cooperation within the group. Mostly, we learned how to use MIT App Inventor and connect the application we developed to the cloud database. The first problem we encountered was how to connect to the cloud database for our login and registration system. After our first meeting, we decided to divide our group into two small groups, one group would design the interface of the login and registration system and the other group would investigate ways to connect to the cloud database. And we get a lot of benefits from this approach such as saving time and being able to focus more on the work we are responsible for. However, due to the inconvenience of online meetings, we also have communication problems when it comes to reporting progress and sharing knowledge. We worked to overcome this problem through the coordination of our group leaders, and we eventually developed the first version of our BMI calculator. After this, we were more motivated to develop other new features, and we continued this approach to carry on our development and exchange responsibilities and people in charge to achieve more efficiency. We learned a lot from this, not only about the necessary knowledge for the application development, but also how to cooperate well with other members and how to use Github.

In addition, we have realized the importance of developing application on the cloud. This is because one of our group members, Kian Hui, is having serious problems with his computer not working properly. If we develop our applications in the traditional way, development will be delayed by the loss of data. Fortunately, we developed our program on the cloud so we could continue our development, and Kian Hui ended up with his family's computer to continue to participate in our development. We all agree that this ability to develop application anywhere, anytime is the most obvious benefit and convenience of developing applications on the cloud, and we really appreciate the opportunity we have had to experience this. In summary, we learned about developing applications in the cloud using MIT App inventor then upload to Github and how to work in teams, as well as experiencing the importance of the cloud.

What is the role and contribution of each member?

In order to better understand the responsibilities of each of us, we have prepared the following table. Note that because we exchange positions and responsibilities for the development of each feature, each team member has the same role.

Nickname	Roles	Contributions
Vincent Tan	Group Leader <ul style="list-style-type: none"> Coordinate the communication of the groups. Distribution of work. Conducting meetings. 	<ul style="list-style-type: none"> Study how to connect to cloud database. Contributed to implementation <ul style="list-style-type: none"> Login and Register Sub Menu Contributed to interface <ul style="list-style-type: none"> BMI Calculator View Chart Suggestion
Kian Hui	Small Group Leader <ul style="list-style-type: none"> Leadership team members complete the work assigned by the group leader. Group member <ul style="list-style-type: none"> Complete tasks under the leadership of the small group leader. 	<ul style="list-style-type: none"> Study how to connect to cloud database. Contributed to implementation <ul style="list-style-type: none"> View Chart Login and Register Contributed to interface <ul style="list-style-type: none"> Suggestion BMI Calculator
Hong Yeap		<ul style="list-style-type: none"> Contributed to implementation <ul style="list-style-type: none"> BMI Calculator Suggestion Contributed to interface <ul style="list-style-type: none"> View Chart Login and Register Completed Usage manual
Dylan Khow		<ul style="list-style-type: none"> Contributed to implementation <ul style="list-style-type: none"> View Chart BMI Calculator Contributed to interface <ul style="list-style-type: none"> Login and Register Suggestion Completed License and Read Me
Jian Cheng		<ul style="list-style-type: none"> Contributed to implementation <ul style="list-style-type: none"> Suggestion BMI Calculator Contributed to interface <ul style="list-style-type: none"> Login and Register View Chart