My name is Chris and I’m the group leader of my group. Our app’s name is called MyMediCare. We developed this app to calculate human BMI index and Calorie Burned. We also made it able to store the calculated result to database and display as chart or list in the app. Throughout this project I had distribute task for every member in my group and all of them are doing well with their task. I’m so glad that we have great opportunity given by Ms. Zainab to carry out this project. MIT App Inventor is a great app for user that want to create Android app without the need of downloading Android Studio. It uses blocks instead of coding to build app, zero coding needed (not including third-party extension/connection). As long as you have basic concept of coding, you can build apps pretty well. So, me and my team figured out on connecting database and send data from our apps to database. At early stage of our project, we decided to use Realtime Database of Google Firebase as our database. But the tutorial on YouTube is outdated and we hard to make it to our purpose. Then, we found that we can use Google Sheets as our database. In MIT App Inventor, it can call HTTP requests, so we use Google Apps Scripts did some simple coding to handle HTTP GET request and process the data then append it to the spreadsheet. Through the process of figuring the approaches to achieve our purpose, each of us find the ways to do it so we made it in short time like in one day night then we successfully send and receive data with Google Sheets. Of course, we follow the tutorial found on the Internet but since we want to achieve our purpose, me, and members that good in coding try to make changes of the code from the Internet in order to save different data to different sheet in our spreadsheet. And we did it in short time too. Some of the members improve the interface of our app to make it look better.

It is so fun to do this project and cooperate with my teammate. Jin Yang and Yeap had told me about their experience throughout this project. Here’s what they said-

Jin Yang: In this project I learnt to collaborate better with teammate, learnt to design and create simple mobile application with the using of blocks. I think it is very practical, simple, and clear for beginners. I also learnt GitHub’s push and pull data. I gained a lot of experience in this project.

Yeap: In my opinion, we learned how to use MIT App Inventor to develop an application, knowing on how to enhance the application with new features such as save results into databases, display charts to show the recorded result and so on. We also learned how import documents into cloud which is GitHub because it is an invaluable resource for all the peoples. It offers version control, a place to share our codes, and importantly, a way to collaborate. It might be hard for the first-time user since there's more functions in GitHub, but it'll be easier after taking more exercises on how to interact with GitHub more.

Lastly, we want to give thanks to Ms. Zainab for giving us this opportunity to work together as a team. We appreciate it so much.

# Group Members

Chris Wong Ern Zer, Wooi Jin Yang, Wee Pei Xiang, Yeap Kai Feng, Lim Zheng Wei

# Task Distribution

Documentation: Chris Wong Ern Zer, Wooi Jin Yang, Wee Pei Xiang, Yeap Kai Feng, Lim Zheng Wei

Interface Designer: Wee Pei Xiang, Yeap Kai Feng, Lim Zheng Wei

Backend Designer: Chris Wong Ern Zer, Wooi Jin Yang

GitHub Setup: Chris Wong Ern Zer

Database Setup: Wee Pei Xiang, Yeap Kai Feng, Lim Zheng Wei