



Faculty of Information Science &  
Technology

***TCC 3141 - Cloud Computing***

*Trimester 1, 2021/22*

Group Name: MAKE POSSIBLE

Lecture Section: CC 1

No	Students ID	Student Name	Course Major	
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## **Reflective Essay**

Our group, Make Possible form with six people. On 10 Sep, we have a discussion to design the new feature for this BMI application. Based our research, we found that there are some function which can add on in this BMI application which are calculate body fat, calorie, BMR, Macronutrients (Macro) and Multipoint Pace. After our discussion and consideration, we agreed that BMR is the most suitable to as the new feature of BMI application.

Before we develop our Android app, we studied the MIT App Inventor and GitHub firstly. After our research, we just realize that MIT App Inventor is a web application integrated development environment originally provided by Google, and now maintained by the Massachusetts Institute of Technology (MIT). It allows newcomers to computer programming to create application software(apps) for two operating systems (OS): Android, and iOS. It also is a free and open-source software released under dual licensing: a Creative Commons Attribution ShareAlike 3.0 Unported license, and an Apache License 2.0 for the source code. In the others hand, we know that GitHub is a provider of Internet hosting for software development and version control using Git. It offers the distributed version control and source code management (SCM) functionality of Git, plus its own features. In addition, It is commonly used to host open-source projects. Not only that, we also refer some tutorial and example of MIT App Inventor before we start developing. After our research, we are all excited and cannot wait to get in touch with these two software.

After our contact with MIT App Inventor, we found that it uses a graphical user interface (GUI) very similar to the programming languages Scratch and the StarLogo, which allows users to drag and drop visual objects to create an application that can run on Android devices. Based our experience, we think that MIT App Inventor is a user friendly software because the interface is simple, clear and easy to use. Not only that, the block page in MIT App Inventor is also interesting to us because the interface and the way to use are like a puzzle. In addition, it also makes funny sounds when we drag and combine the block.

Before that, we have been admiring the name of GitHub for a long time, but we have never had the opportunity to contact. Through this project, we are honored and excited to get in touch with GitHub. Through this chance, we know the basics of GitHub, GitHub flow and some terms. The most important thing is that we learned how to use GitHub to upload and develop an application.

## **Roles and Contributions**

<b>Name</b>	<b>Roles and Contributions</b>
CHAN JUN WEN	<ul style="list-style-type: none"><li>▪ Splash Screen</li><li>▪ LICENSE.md</li><li>▪ README.md</li><li>▪ Debug and Maintenance BMI application</li><li>▪ Improve design and features BMI application</li><li>▪ Merged the final BMI application to main in GitHub</li></ul>
CHIN QIN YI	<ul style="list-style-type: none"><li>▪ Home Screen in BMI application</li><li>▪ Side Menu Bar in BMI application</li></ul>
SEK WEN XIN	<ul style="list-style-type: none"><li>▪ BMI Calculator Page</li><li>▪ BMI Result Page</li><li>▪ BMR Calculator Page</li><li>▪ BMR Result Page</li><li>▪ Time Flow Implement Project</li></ul>
JESSIE NG YI XIN	<ul style="list-style-type: none"><li>▪ History of BMI Page</li><li>▪ Detail History of BMI Page</li><li>▪ History of BMR Page</li><li>▪ Detail History of BMR Page</li><li>▪ Reflective Report</li></ul>
YEOW YI FENG	<ul style="list-style-type: none"><li>▪ BMI Dashboard Page</li><li>▪ Bar Chart Page</li><li>▪ Pie Chart Page</li><li>▪ Line Chart Page</li><li>▪ Usage Manual</li></ul>