

Universiti Teknologi MARA

**Android Mobile Application: Calorie Counter for
Malaysian**

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ABSTRACT

Nowadays, Malaysian having a busy life and do not taking care of the food that been consumed. This leads to obesity among Malaysian. This project will concern the development of Android mobile Application and the calorie formula to help Malaysia to lose, gain or maintain weight. The idea for this Android application is aim to help Malaysian to have the body that they want by adjusting their weight by calculating calorie intake of food since Android is globally operating system been used nowadays. The calorie counter for Malaysian is formulated by the Miffler-St Joer Equation. The project uses an Agile Model for software development lifecycle. This Android application is designed by using Eclipse as tool for Android mobile application development. An evaluation is made in aspect effectiveness of the application on user satisfaction. This project finds out the user who uses calorie counting technique to lose, gain or maintain weight is effective.

CHAPTER 1

INTRODUCTION

This chapter will explain the project background, problem statement, objective, scope of study and significance of the project. The project background is an overview about the project and the problem statement is something that may need to solve by doing some researches on it.

1.1. Project Background

Nowadays, Malaysian having a busy life and really have no care about food that been consumed in daily life. Yet, Malaysian has been worried about the gaining body weight. From that, android mobile application that been called calories counter for Malaysian is going to be developed due to increasingly android smartphone users in Malaysia. This application will help busy Malaysian to automatically calculate calories in and calories out of the body by a person per day. By that, the weight can be controlled by maintaining, losing or gaining it. Plus, this application will provide a database that contained food's calories information that easy for the users to refer to.