## UNIVERSITI TEKNOLOGI MARA

# **TECHNICAL REPORT**

# MOBILE APPLICATION FOR ONLINE FOOD DELIVERY SYSTEM WITH CALORY CALCULATOR USING MIFFLIN ST JEOR EQUATION

### P35M19

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### **ABSTRACT**

Good nutrition is a key part of a healthy lifestyle. People nowadays rarely thought about their daily calories intake. People are not expose that calorie intake plays an important role in daily life. Calories intake are very important to our body because it could lead to lack of nutrients if less calories are taken, meanwhile it could lead to obesity and many other diseases for excessive calories taken. Hence, an Android application is developed to help UiTM students in managing their calorie intake per meal. In order to monitor calorie intake, Mifflin-St. Jeor equation is used to find Basal Metabolic Rate of the person. Several rules are set up to suggest the best menu within the suggested calorie. In the end of this study, a mobile application is developed which can be used by UiTM Seremban 3 students to order food for themselves according to the calorie needed.