UNIVERSITI TEKNOLOGI MARA MALAYSIA

SMART VENDING MACHINE

COMPANY NAME: VMAC-TECH

Faculty	:	**Faculty of Electrical Engineering**	
Program	:	**Bachelor of Engineering (Hons) Electrical**	
Program Code	:	**EE242**	
Course	:	**Technology Entrepreneurship**	
Course Code	:	**ENT600**	
Semester	:	**8**	
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Submission Date

17th JUNE 2019

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Executive Summary

Smart Vending Machine will provide a unique features that helps vending machine operator and the community located in certain areas such as bus station, railway station, and colleges in Malaysia. Our product is emphasized on the unique features which are application to monitor the stock of product and the cashless payment method. Indirectly, this encourage people to purchase at vending machine with saving time as it is the convenience.

In the vending machine there are several important components such as the storage chillers for the foods storage at a suitable environment, conveyer system for the movement of the food from one compartment to another, LCD screen for sensor touch, QR code for downloading application, and debit card payment for cashless in the vending machine.

We will penetrate the vending industry with innovative and high technology vending machines. We will establish our own vending machine routes in Peninsular Malaysia region. Our product is emphasized on supplying high security of online payment method. Our product is designed to help vending machine operator on up-to-date the maintainer and community friendly user with a cashless payment method.

Our product is targeted to government, private company and Food & Beverage Company. Most vending machines in Malaysia only provide soft drink beverages with normal system. But our vending machine is not only food and drink it also have an upgrade system that friendly user. Our main highlight here is convenience and saving time.

CHAPTER 1

PRODUCT OR SERVICE DESCRIPTION

1.1 INTRODUCTION

The product to be developed is a smart vending machine (Vmac-Tech). Vending machines are commonly used to disperse foods and beverages but nowadays many company also used this vending machine to sell their product such as rain coat even electronic items used this vending machine to sell their product. Vending machines offer convenience to customers and are available anywhere. However, vending machines have a problems as it takes only cash payment thus customers need to bring the exact amount of money to purchase an item.

Therefore, the team is developing a smart vending machines that provide features as payment using credit card, mobile app and E-wallet. Besides that, it is linked to mobile app where user know the availability of the product and the supplier know when to restock the product.

1.2 PURPOSE OF DEVELOPMENT

The purpose of this product development are:

1. To develop a smart vending machines that convenience as it takes both cashless and cash payment.
2. Linked the vending machine with mobile app which both supplier and user know the availability of the product.