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FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
UNIVERSITI TEKNOLOGI MARA
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**TECHNOPRENEURSHIP
(TECHNOLOGY ENTREPRENEURSHIP)**

TECHNOLOGY BLUEPRINT / PROJECT

**INTELLIGENT MULTIPURPOSE
VACUUM CLEANER**

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Submitted on 13th June 2017

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COMPANY'S LOGO



HOME FLOOR
— **EXPERTS** —

EXECUTIVE SUMMARY

i. Intelligent Multipurpose Vacuum Cleaner

This product is designed to vacuum and mop floor. That can be active by special application that been programmed through phone to giving instruction for cleaning process and make decisions based on its surrounding area.

ii. Target Market

Target market for this product is households and highlighted a place with high population distribution as our place for marketing.

iii. Unique Features

Unique feature that is the product has two type of mode in one vacuum which is mopping mode and dry mode. The mopping mode will be activate when the product in different material of floor such as tile, or semen except for carpet. The dry mode will make a deep clean, to pick up dirt, hair, and debris at the touch of a sensor. It also to ensure that our product can cleans through including in hard reaching deep place.

iv. Profitability Sales Forecast

The profitability sales forecast of this product is average because it already have competitor that sells similar product and but for this product is more modern and vital for all to use because its more toward new additional technology which is compared with the competitor..

CHAPTER 1

1.0 PRODUCT DESCRIPTION

1.1 Introduction

The product is intelligent multipurpose cleaning vacuum which is designed to clean and mop house without need human monitoring.

1.2 Purpose Development

- To clean certain area in a house efficiently by cleaning and mopping floor simultaneously.
- To clean certain area in a house automatically without need human assist.

1.3 Product Concept

1. Cleaning and mopping mode (base on type of floor surface).

- If machine on carpet: Mode of operation is vacuuming (dry mode).
- If machine on floor: Mode of operation is vacuuming and mopping (mopping mode/wet mode).

2. Infra-red sensor.

- Sense the difference between floor surface, such carpet and wood.
- Detect the differential and allow function to change it cleaning mode.