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UNIVERSITI
TEKNOLOGI
MARA

TECHNOLOGY BLUEPRINT

(INTELLIGENCE MACHINE FOR ALL)

Faculty	:	**Faculty of Computer and Mathematical Sciences**
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CHAPTER 1

1.0 EXECUTIVE SUMMARY

This blueprint report is discussed about the team are going to apply for a grant to develop a product. The product that being develop is Intelligence Machine for All. This product is a machine that has been renovated from a vending machine to a donation machine. The public can use this machine to donate something like essential needs and others using this machine. As for the description of the product, the technology description, market research and analysis, management team, the financial plan and the project milestone will be further discussed in the next chapter.

CHAPTER 2

2.0 PRODUCT DESCRIPTION

2.1 Introduction

The product to be develop is an Intelligence Machine for All (IMFA). It is a vending machine that is innovated as a new platform for public to donate items for the underprivileged.

2.2 Purpose of development

The purposes of the product development are:

1. To achieve the goals of zero hunger and no poverty in Malaysia which is the concept of Sustainable Development Goals (SDG).
2. To provide a platform for the public to donate items for underprivileged.
3. To help Non-Governmental Organization (NGO) get the suppliers of essential needs for underprivileged.

2.3 Product concept

*   For public to donate items in the right platform.
*   Non-Governmental Organization can collect the donation items and sent it to welfare organization.

2.4 Application

2.4.1   Function

Intelligence Machine for All (IMFA) is a complete machine for public to use for donation. The machine has the mobile application that connects to NGO as the process for pick-up the donation's item. Public can donate the item with a weight that less than 5 kilograms. The items that this machine can accept are canned and packet foods, toiletry, diapers and pad, books and toys.

2.5 Unique features

The uniqueness of the product for availability in Malaysia market consist of:

- Mobile application – The application that can connect NGO to the product.
- Electronic scale – The machine has electronic scale that can analyse the weight of items.
- Pin number – The pin number use unique every time an organization retrieve items.

2.5.1 Picture description
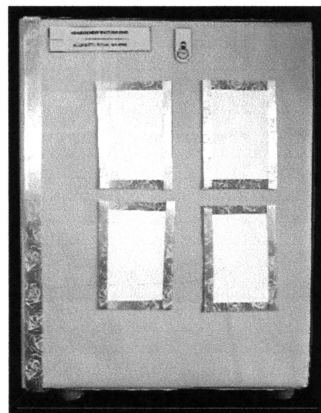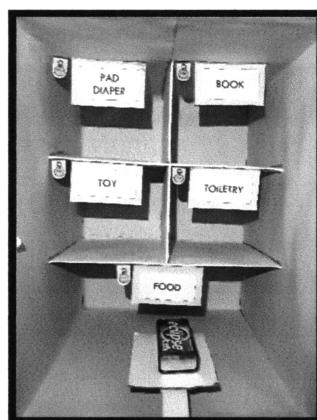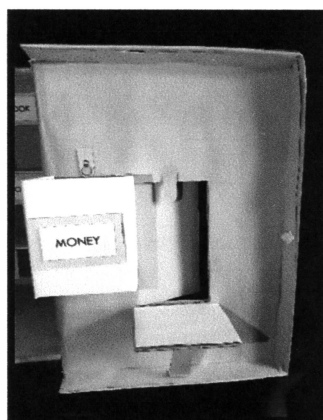

Figure 1: Front view of IMFA

Figure 2: Left and right sides view of IMFA

Figure 3: Inside view of IMFA