

**NEW PRODUCT DEVELOPMENT TEMPLATE****SMART WALLET (i-Wallet)**

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**"Your future wallet"**

## 1.0 EXECUTIVE SUMMARY

The teams are going to produce an innovative product called "i-Wallet". "i-Wallet" the most powerful way to save our time and our money especially for students. The "i-Wallet" can help students safe from snatchers where it has safety alarm and tracking device. It is also make students easy to charge their phone wherever they go. From the prediction, the "i-Wallet" are going to be sale in any shop for students and people that looking for safety wallet.

## 2.0 INTRODUCTION

### ● Problem Statement/Issues

Nowadays, most people are concerned of criminals that increasing rapidly. Most of the time, snatching bags and pick pockets are the highest cases in urban area. To find their wallet or bags back, it is takes time and so hard and that can give a chance to snatchers to do the criminal again and again. Therefore, to decrease this crime, smart wallet are introduced as the newest technology and the most powerful way to save our time and even our money.

### ● Methodology: Data Collections (Who, Where, When, How)

Data collected through observation that looks for students and all people in campus. For example, look around the class and see the classmate like things that easy to bring to class.

### ● Limitations

Although this research was carefully prepared, we are still aware of its limitations and shortcomings. First of all, this research happens to students who always have been a victim from snatchers and pick pocket. Most of the wallet that missing will hard to find back. If they find back their wallet, all their money will lost. They are also less of time to charge their phone and most of them do the assignments until late night. However, to limit the research we find that not all students like to bring their wallet everywhere.

## 3.0 NEW PRODUCT DEVELOPMENT

### 3.1 Definition

The i-Wallet is designed with multi-function device to meet all your carrying needs. We created the device is intended to provide users with smart technology & handcrafted with premium full-grain leather. Nowadays, thousands of people forget or lose their wallet every day so the i-wallet working on the go with connects to your smartphone to send you instant notifications. Once you connect this i-wallet to your phone, it will continuously monitors your wallet activity and the Apps are available on Android and iOS. Other than that, i-wallet also provided with high safety controls by creating the thumbprint at the centre of the wallet and also the safety alert if unexpected accident happened. This device is a unique product and very easy to locate. It is come with money balance displayer so that users can simply know their money in the wallet. Then, this i-wallet also Built-in Powerbank with extremely lightweight and thin that can fully charges your smartphone on the go. It is works both wirelessly with solar system to ease the users who are travelling, students, businessman and many more.

### 3.2 Classification of NPD

This smart wallet works as a tracking device on the go. The idea comes out from constantly working on the go smartphones. With the thumbprint for users safety and tracking device to find the wallet easily can make the users feel safe to bring anywhere their wallet. It is also have safety alarm if someone else take the wallet without the users permission. Besides, the apps that created on the smartphones will helps users to find their wallet easily by searching or tracking the smart wallet from the GPS device that provided. The apps will show the location of the smart wallet. There are a lot of a different possibilities between other wallet in the world.

Some ideas do not come out well, but it helps us focus on our designs today and every review is based on subjects learned by people who have previously tried to make new products before. There are two principles in developing this smart wallet which is to make it thin and easy to bring everywhere. These smart wallet using a solar and can be used for 8 hours. This smart wallet also use GPS devices connected to other mobile devices. In addition, these smart wallet have thumbprint for users