

## ENT600

### TECHNOLOGY BLUEPRINT



### TECHNOLOGY BLUEPRINT TITLE (SMARTACLES)

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**Faculty** : FACULTY OF HEALTH SCIENCES

**Program Code** : HS243

**Group** : 7A

**Course** : Technology Entrepreneurship

**Semester** : 7

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**Submission Date**

**6 December 2018**

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## EXECUTIVE SUMMARY

SmarTacles is an innovation of regular spectacles that suit one lifestyle and looks. It consists of two element which are glasses and SmarTacles application. It can connect via Bluetooth. By using this application, one can perform a range of different task without checking their phone. SmarTacles has various features comprises of tracking system, answering calls, hearing music, global positioning system (GPS), time reporting, healthy reminder, solat reminder, taking picture and flashlight. SmarTacles perform the activities selected inside the application setting. The activities will be activated through the hand gesture on infrared proximity sensor and the bone conduction speaker will transmit the sound through vibration. In producing this product, supplier for each component inside the SmarTacles have been selected. Our team have plan for marketing and financial strategy. Marketing strategy consists of product strategy, price strategy, place/distribution strategy and promotion strategy. The cost for each SmarTacles is RM199.50. The financial plan for four months is RM 107,530.00.

# CHAPTER 1

## 1.0 PRODUCT DESCRIPTION

### 1.1 Introduction

Based on observation on existing spectacles and spectacles' users, the team have decided a product that will contribute to spectacles community. Smartacles is a smart spectacles that provide a mechanism for the users to easily performing all the activity by only touching the sensor and it will automatically interpreted by the application for the phone to perform. The application on the phone that connect with the Smartacles consists of various features comprising of tracking system, answering calls, hearing music, global positioning system (GPS), time reporting, healthy reminder, solat reminder, taking picture and flashlight. Existing spectacles are lacking in function as it mainly used only for vision correction. Besides, losing spectacles and cannot find them are commonly faced by spectacles' user in everyday life.

### 1.2 Purpose of development

- To trace the phone by using global positioning system (GPS)
- To provide a healthy reminder to the users in order to promote healthy lifestyles
- To aware the Muslims of prayer time by providing solat reminder
- To ease the users in performing the activities by only touching the sensor to perform all the activities (answering calls, hearing music, global positioning system (GPS), time reporting, taking picture and flashlight).