



اَوْبِقُوْا سَيِّئَاتِكُمْ لَوْ كُنْتُمْ عَادِلِيْنَ
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SMART AROMATIC ATOMISER

Table of Content

No	Contents	Pages
1.0	Executive Summary	2
2.0	Product Description	3
	2.1 Introduction	3
	2.2 Purpose of Development	4
	2.3 Product Concept	4
	2.4 Product Application	5
	2.5 Unique Features	6
3.0	Technology Description	7
	3.1 Overview of Product Prototype	8
	3.2 Smart Aromatic Atomiser	9
	3.3 Motor	9
	3.4 Camera for CCTV	10
	3.5 Sprayer	10
	3.6 Wifi Module	11
4.0	Market Analysis and Strategies	12
	4.1 Customers	12
	4.2 Market Size and Trends	12
	4.3 Competition and Competitive Edges	13
	4.4 Estimated Market Share and Sales	14
	4.5 Marketing Strategy	15
5.0	Management Team	16
	5.1 Organization	16
	5.2 Key Management Personal	17
	5.2.1 Career Highlight	17
	5.2.2 Duties and Responsibilities	18
	5.3 Management Compensation and Ownership	19
	5.4 Supporting Professional Advisors and Services	19
6.0	Financial Plan	20
	6.1 Start up Costs	21
	6.2 Working Capital	22
7.0	Project Milestone	26
8.0	Conclusion	29
9.0	References	30
10.0	Appendices	31

SMART AROMATIC ATOMISER



1.0 EXECUTIVE SUMMARY

Life in Malaysia has become tougher days by days. However, living in Malaysia is viable. The industrialization of Malaysia has led to development of houses, offices, hospitals, library and more places that need quality or air surrounding. Quality of air is important as it effect a mood of people either he or she will be feeling stress or chill. Nowadays, Malaysian are always busy working to find better income in order to survive. These will lead to stress and as consequences, will affect mental health of person. It is important to ensure that we live in an environment that feels home, cozy, convenient and pleasant.

Smell has the ability to have such a strong effect on our experiences because it is processed in the Olfactory cortex of the brain's limbic system, close to the area in which emotions, memories, and feelings are stored. To put it simply, scents trigger emotional reactions. According to Dawn C. Buse, Ph.D., clinical psychologist in the Department of Neurology at Montefiore Medical Center, "the first time that we experience a particular scent, we associate it with events, people, and emotions of the time." So, when entering a scented room, two things may happen: if the smell is familiar, old memories will be evoked, possibly offering a sense of nostalgia. If the smell is completely new, then new memories will be created.

We had come out with multitasking product that can make your life easier. Our product named Smart Aromatic Atomizer. It is a multi-flavor fragrance for houses, offices, library, studios and more related spaces. The flavors are roses, lavender, vanilla, green apple, ocean blue and fresh lemon. Each flavors of fragrance will comfort persons for various mood. Hence, our product will effect in boosting productivity as it provides good mood condition and calm spaces. Besides, our product built-in camera to monitor the spaces. We added security features in our product as security system is becoming more and more important due to the increasing crime and theft around us. They are able to provide us with video footage, whether live or recorded, within our property. Nowadays, most of people spend their time with their smartphones. Our product will have full access with mobile app for spray fragrance and to access camera. Therefore, the user of product will control the product in distance.

SMART AROMATIC ATOMISER



2.0 PRODUCT DESCRIPTION

2.1 INTRODUCTION

Surveillance is one of the most important factor of life these days especially for parent. The common place for this surveillance is at home, the place where we live, sleep, eat and do other things. Home is where some accident or incident might occur and we need something to monitor it or record it such as new born children activity, children activity, trespasser, robber and many more that is can happen in the area of our home.

On the other hand, good odour also is the requirement that is crucial for all any space that we used such as office room, bedroom, living room and other confined space that can give a smell if the space is left out too long not occupied. This good odour can increase the comfort level for a certain space and make people more productive. So, with the combination of the surveillance and good scent we come out with new innovation for this problem, the 'Aromatic Atomizer'.

This 'Smart Aromatic Atomizer' is installed with some special features that can camouflaged in any area and give some nice decoration to any space that being installed. It will be equipped with three cameras that gives out 720p resolution with night vision, aluminium metal for the whole body and the diffuser for the aromatic scent with many kinds of flavour. It is equipped with a cord that can supply 240V of power and connected to a storage that can be access from anywhere if there is an internet connection. This information can be access through mobile application or any device that can be connected to the internet. In addition, the mobile application also can set what flavour for the Aromatic Atomizer to diffuse to the space so that when people are coming to the space it will become a pleasant smell and experience for the guest.

SMART AROMATIC ATOMISER



2.2 PURPOSE OF DEVELOPMENT

The 'Smart Aromatic Atomizer' is a system that can prevent any burglary cases, accident or incident that happen in any space. This is because lots of accident can occur in the space if there is no supervision especially when the space being occupied with so many people although sometimes accident occurs during the space is not occupied by anyone.

Other than that, we want to create something that has a pleasant look rather than the commercial looks of the Closed-circuit television (CCTV) hence user friendly because of the mobile application that will be developed.

Besides that, we want to develop a product that can be purchased by all level of consumer with a reasonable price according to the customization that can be apply to the product. This is because the customer can custom the product accordingly to their ability to buy the product.

2.3 PRODUCT CONCEPT

The product concept that our team want to propose is 'Smart Aromatic Atomizer' is related with providing beneficial service to users in order to increase the air comfort of the space that they going to use and with easy access of the monitoring of the space.

The 'Smart Aromatic Atomizer' is utilized with several convenient features that are user friendly and have camera that can monitor any area just like CCTV. This concept is good to be applied as the customers obtain two benefits from this 'Smart Aromatic Atomizer' which it is not only to spray or dispense fragrance to give a pleasant smell for the area that they being install with but also they can monitor the place with the online application system that built with it from everywhere and anywhere as long as they have connection to the internet.

In addition, this 'Smart Aromatic Atomizer' can helps to reduce the human interference in monitoring the area that they want to be monitored all the time. Sometimes, the guard that we hired