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PROJECT NAME: PORTABLE GREENHOUSE

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Table of contents

CHAPTER 1	5
1.0 PRODUCT DESCRIPTION	5
1.1 Introduction	5
1.2 Purpose of development	5
1.3 Product Concept	5
1.4 Application of product	5
1.4.1 Functions	5
1.5 Unique features	5
1.5.1 Picture description	6
CHAPTER 2	7
2.0 TECHNOLOGY DESCRIPTION	7
2.1 Overview of product prototype	7
2.1 Portable greenhouse (A)	8
2.2 UV light sensor (B)	9
2.3 Humidity sensor (C)	10
2.4 Arduino (D)	11
2.5 Water sensor (E)	13
2.6 PVC pipe (F)	14
2.7 Water pump (G)	15
CHAPTER 3	16
3.0 MARKET RESEARCH AND ANALYSIS	16
3.1 Target Market	16
3.2 Market Size and Market Share	16
3.3 Competition and Competitive Edges	16
3.3.1 The strengths and weaknesses of competitors:	17
3.4 Marketing strategies	17



3.4.1 Product Strategy 17

3.4.2 Price Strategy 17

3.4.3 Place Strategy 17

3.4.4 Promotion Strategy 18

CHAPTER 4..... 19

4.0 FINANCIAL PLAN..... 19

4.1 Start-up cost 19

4.2 Working capital (4 months) 19

4.3 Estimated cost per unit..... 20

CHAPTER 5..... 21

5.0 MANAGEMENT 21

5.1 Team Members..... 21

5.2 Organizational Structure 22

CHAPTER 6..... 23

6.0 PROJECT MILESTONE..... 23

6.1 Flowchart project Design Planning 23

6.2 Project Schedule..... 26

CHAPTER 7..... 27

7.0 CONCLUSION 27



PORTABLE GREENHOUSE

COMPANY'S LOGO



P LANTING WITH PORTABLE **GREENHOUSE**



CHAPTER 1

1.0 PRODUCT DESCRIPTION

1.1 Introduction

Observation and market research indicates that many people would love to plant. However, they do not plant because they do not have the time to take care of the plant. So the team have chosen Portable Greenhouse as a product to counter the problem.

1.2 Purpose of development

- To use greenhouse technology to enable customers with busy lifestyle to enjoy planting

1.3 Product Concept

- Replace the traditional planting method.

1.4 Application of product

- Automatically takes care of the plants with the help of electronic devices such as automatic watering and automatic light source.

1.4.1 Functions

- Water pump - supply water when water sensor gives an output.
- Water sensor - detect water level to determine whether plant need to be watered or not.
- UV light bulb - supply UV light if plant get lacks of light source.
- Arduino - send water and light conditions to customer gadget.

1.5 Unique features

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

- Monitor plant condition using mobile phone.