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**LECTURER:** DR. ZANARIAH BINTI ZAINAL ABIDIN

NAME	MATRIC ID
MUHAMMAD SYAFIQ BIN SAFIEE	2014478328
MUHAMAD SYAHIR BIN MOHD SAPIAN	2013183553
FATIN NISHA ADIBA BINTI MOHD YASIM	2015840158
NUR AMYLIANA BINTI ABDULLAH	2015238858
SHAFIKAH BINTI MOHD JEFFERY	2015854268



Table of Contents

CHAPTER 1 .....4

1.0 PRODUCT DESCRIPTION.....4

1.1 Introduction .....4

1.2 Background Study .....4

1.3 Purposes of the Product Development .....4

1.4 Product Concept .....5

1.5 Function .....5

1.6 Product Characteristics .....5

1.7 Application.....6

1.8 Benefits of the I-Jeans Box .....6

CHAPTER 2 .....7

2.0 TECHNOLOGY DESCRIPTION .....7

2.1 Overview of product prototype .....7

2.2 I-Jeans Box .....8

2.3 Ultra Violet LED / UV LED.....9

2.4 Steamer.....10

2.5 Application for Mobile Device.....11

2.6 Softener Cartridge .....12

2.7 Electronic Control Unit Box .....13

CHAPTER 3 .....14

3.0 MARKET RESEARCH AND ANALYSIS .....14

3.1 Target Market.....14

3.2 Market Share.....14

3.3 Market Size.....14

3.4 Competition and Competitive Edges .....14

3.5 Selling Price.....15

3.6 Marketing strategies .....15

CHAPTER 4 .....16

4.0 FINANCIAL PLAN .....16

4.1 Start-up Cost.....16

4.2 Working Capital (4 months) .....16

4.3 Cost of component per prototype.....17

CHAPTER 5.....18

5.0 MANAGEMENT TEAM .....18



5.1 Team Members ..... 18

CHAPTER 6 ..... 21

6.0 PROJECT MILESTONE ..... 21

6.1 Flow chart Project Design Planning ..... 21

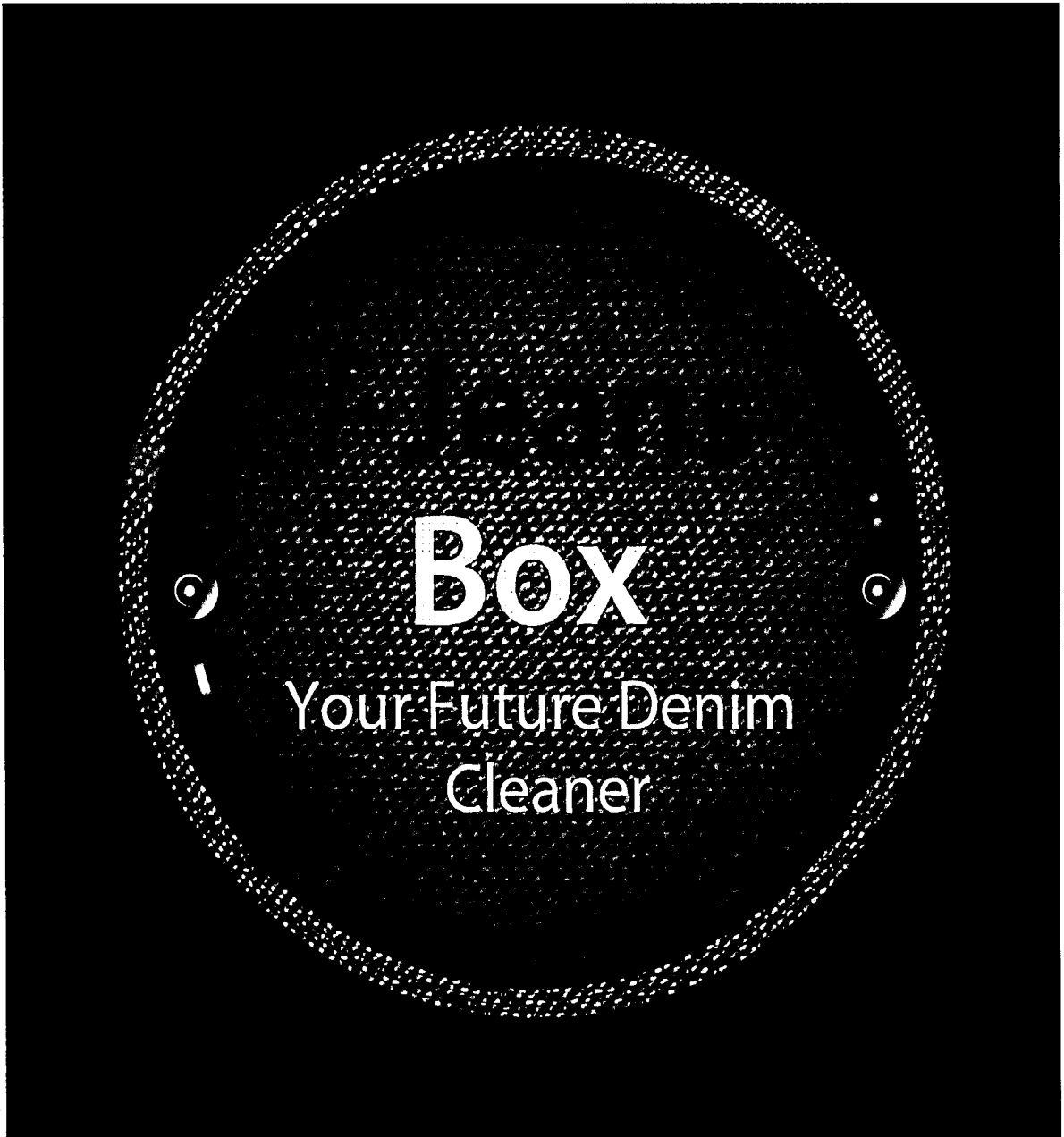
6.2 Project Schedule ..... 23

CHAPTER 7 ..... 24

7.0 CONCLUSION ..... 24



PRODUCT'S LOGO



I-JEANS TECH SDN. BHD

## CHAPTER 1

### 1.0 PRODUCT DESCRIPTION

#### 1.1 Introduction

The team is developing the “I-Jeans Box” for the jeans and denim users to prevent the jeans fabric from pre-shrunk when it is being washed and prevent the loss of colour also removes the dirt.

#### 1.2 Background Study

Based on the research conducted in 2011 that has been made by professor Rachel McQueen from University of Alberta has proved that the jeans wore for 15 months straight without washing them do not pose any health risks for healthy people. They tested them for bacteria and found levels of bacteria were pretty normal. However, then they wore them for 13 days before re-testing them, bacteria levels were nearly identical.

Jeans are very popular of casual dress around the world either for men or women. They come in many styles and colors and made up from denim cloth. Jeans have high durability and more expensive if compared with other common fabrics that required proper care and wear. Thus, the reason of this product development is because:

- ✦ The jeans fabric will pre-shrunk because jeans are sensitive to shrinkage when it being washed.
- ✦ The jeans subjected loss in colour when it being washed.

#### 1.3 Purposes of the Product Development

- ✦ To maintain the quality of the jeans
  - To prevent the loss of colour and maintain the structure of the jeans when it being washed.
- ✦ To kill or reduce the volume of germs and bacteria.
- ✦ To remove the dirt.