51305

UNIVERSITI TEKNOLOGI MARA

ENT600

TECHNOLOGY ENTREPRENEURSHIP

TECHNOLOGY-BASED BUSINESS IDEA BLUEPRINT

AUTOMATIC WINDOW CURTAIN (AWC)

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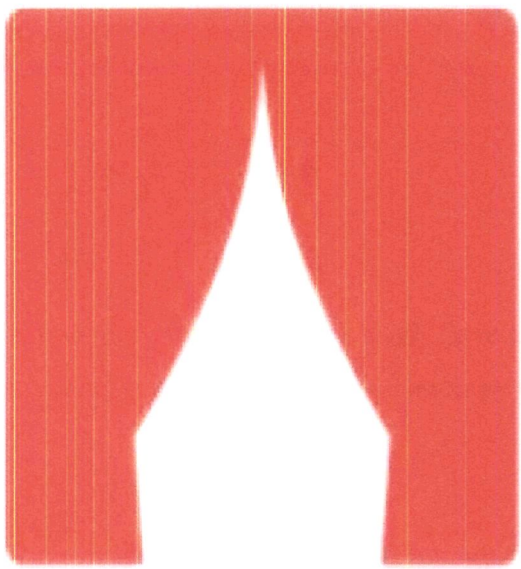
COMPANY'S LOGO



CURTAIN TECHNOLOGY

CHAPTER 1

1.0 PRODUCT DESCRIPTION

1.1 Introduction

After observation of existing window curtain, the team had decided to choose a product that is easier for people to open and close the curtain.. The product is Automatic Window Curtain (AWC). Nowadays, people are getting busy with daily activity at the office, they do not have much time to tidy up their house and sometimes they even forgot to open up their curtain in the morning before leaving for works. Therefore, this product is suitable for every house that have a window.

1.2 Purpose of development

- To help disable person
- To reduce time for opening and closing curtain

1.3 Product Concept

- Innovation of the current window curtain which already have a remote control and timer to automatic window curtain with additional technology which is the light sensor.

1.4 Application

- Open and close the curtain automatically without any human afford needed
- Use minimal electrical energy

1.4.1 Functions

- Light sensor - To detect presence and absence of light
- Electric control circuit - To stimulate the light rays
- DC gear motor - To helps the movement of the movement of the curtain
- Shaft - To helps the movement of the curtain
- Belting - To transmit power and to track relative movement of curtain