



TECHNOLOGY BLUEPRINT: SPECTACLE SCAN

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CHAPTER 1 PRODUCT DESCRIPTION

1.1 Introduction

The product invented is Spectacle Scan. This product is an alternative to a convenient scanner that could connect to portable printer. The unique of this product is the usage of 'Spectacle Scan' that none of the existing products in the market have. It can simply scan all the information or what you need to print easily.

1.2 Purpose of Development

The purposes of development are to:

- To reduce time of printing process which allow people to print on-the-go without the need to connect to the printer by using cable.
- To make people's easier to print anything by their own since the new invention is much more convenient through it design.

1.3 Product Concept

The product concepts are:

- To provide a convenient and affordable product for students.
- To facilitate the students in printing technology
- To speed up the process of printing

1.4 Application

The application of the product which:

- User can scan whatever they want to scan such as documents, pictures or scenery by scan it using Spectacle Scan and then it will directly sent to portable printer to print out the final product.
- To allow user to print whenever they want to print because the invention of Spectacle Scan is convenient to bring it can be wear any time.

1.4.1 Product Functions

The product function is to scan whatever consumer wants to print.

Scanner Lens:

to scan the documents, scenery or picture that consumer wants to print when they click the power 'on' button and automatically the Bluetooth will detect and they can scan the documents.

Bluetooth Sensor: to directly connect the documents which scan by Scanner Lens and send it to the printer to print the documents.

1.4.2 Unique Features

The uniqueness of the product for availability in Malaysia market that consist of:

- Spectacle Scan that just can scan while wearing the spectacles
- Spectacle Scan that can connect to portable printer and print on the go

1.4.3 Picture Description

This is the physical product of Spectacle Scan:



Figure 1.1: Front view of spectacle scan