



TECHNOLOGY BLUEPRINT

E-Scanner

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CHAPTER 1

1.0 PRODUCT DESCRIPTION

1.1 Introduction

The product to be developed is an E-Scanner. This product was proposed because there are many issues in the university due to the programme registration. So the team chose this product that we believe this product can overcome those issues. Nowadays, when students attend the programme, they will have a long queue to register their attendance. It will waste their time and so on. The function of this E-Scanner is for the registration process when attending the event or activity. It is an efficient way to apply and use the QR code on their programs or events by scanning the barcode on their mobile devices. So, this product is suitable for use in the programme registration.

1.2 Purpose of development

The purpose of the product development are:

- i. E-Scanner gives the ease to user and the students do not have to queue when attending a program or activity.
- ii. E-Scanner can solve the problem in addition to save our time and energy
- iii. E-Scanner is ensure to minimize the registration time and also maintaining the quality and gives efficiency to the management.

1.3 Product Concept

The product concept is

- For easier the collage management office to collect data about the students registration when they attend the programme.
- For students to faster the registration their attendance when they attend the programme and don't need to face long queue when to register the attendance.

1.4 Application

- E-Scanner are the product is use for the registration process when attend the event or activity.
- It is efficient ways for apply and use the QR code on their programs or events occur to students by scanning the barcode on their mobile devices.
- The process of the retrieve and store the data such as the student id is also faster and quicker than key-in manually using the Microsoft Excel.
- Once the students scan the barcode, it will automatically store the data into the database.
- Students can check, view and validate the programs or events that they already participated.

1.4.1 Functions

The product function which is:-

- For collage management office to easier the student's registration in the programme.
- E-Scanner gives the ease to user and the students do not have to queue when attending a program or activity.
- E-Scanner can solve the problem in addition to save our time and energy.
- The E-Scanner is ensure to minimize the registration time and also maintaining the quality and gives efficiency to the management.
- It also save the data about the students, which is profile, programme that have they attend and date of the programme and so on.

1.5 Unique features

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

- Students only need to scan the QR code for register and doesn't need to write their name and so on.
- Students can check the time table in this application about the date of programs and also the location.
- Students also can check, view and validate the programs or events that they already participated.