**TECHNOLOGY BLUEPRINT REPORT****'MOBILE HOLOGRAPHIC OPTICAL DEVICE'**

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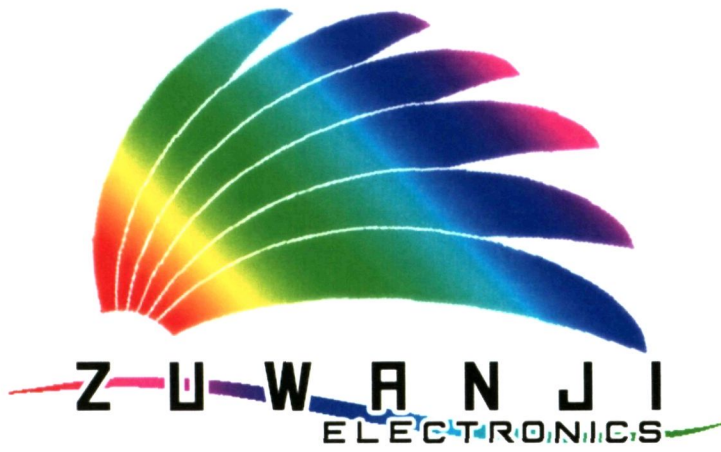
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## COMPANY'S LOGO



## **EXECUTIVE SUMMARY**

We are from Zuwanji Sdn Bhd is proudly presents the latest product from our company which is Mobile Holographic Optical Device or MHOD for short. our team is developing a mobile holographic optical device, a small and portable device that is made up of modifications of complex digital and optics machineries to project a hologram in 3-dimension. It is designed to project faces, buildings, maps and videos to make it much easier for consumers to see. The idea is generated based on Yuri Denisyuk who first invented a white-light reflection hologram which was the first hologram that could be viewed under the light in 1962. His findings inspired us to modify it to something that could be used in our everyday life, hence the mobile holographic optical device or MHOD for short. As people nowadays prefer convenience and affordable products, this device fits the bill as it is small, light and easy to use. A product concept testing with a survey conducted among a few students shows that when this device is available on the market, this device is convenient everywhere and for everyone. The device will be tested by randomly selecting beta testers and once it is completed and perfected, it will be ready to test in the market. At the early stage of our operation, we will only focus on the Malaysia market and as our operation grew, we might expand our operation abroad.

## CHAPTER 1

### 1.0 PRODUCT DESCRIPTION

#### 1.1 INTRODUCTION

The team plans to reveal the holographic display device which projects 3-dimension objects that can be view from different angles based on our physical position. For example, a mapping application could be theoretically look like a little model of a city with buildings poking out of the screen. This device is named 'Mobile Holographic Optical Device' or MHOD for short. It is able to feature stunning holographic content and 3-dimension sound for movie viewing, interactive gaming and social messaging. The new product will be a simpler device that provides and combines several function of the intruments at lower cost.

#### 1.2 PURPOSE OF DEVELOPMENT

The purpose of product development are :

- To projects an image onto a surface, commonly projection screen.
- To to feature stunning holographic content and 3-dimension sound for movie viewing, interactive gaming and social massaging.
- To create new technology in electronic field.

#### 1.3 PRODUCT CONCEPT

- To allow people communicate easily and feel more excited during video call.
- To solve the problem that people had when they are using google map.

#### 1.4 APPLICATION

- Projects 3- dimension object that can be view from diffraction angle.

##### 1.4.1 FUNCTION

- Projection lense – to project the image of the person in another party or any kind of image or video in 3-dimension.
- Capture projection lense – to detect and project the image of the owner when having a video call.
- Sturdy stand- to make the holographic device stable in any surface.
- Battery life- to show the battery life.
- USB Port- for charging process.