



**UNIVERSITI TEKNOLOGI MARA**

**MALEFICENT MIRROR WITH ALEXA VOICE SERVICES AS  
AN INTERNET OF THINGS IMPLEMENT USING RASPBERRY  
PI 3 MODEL B**

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## ABSTRACT

"Maleficent Mirror" is a design based on the Raspberry Pi 3 that is equipped with high technology and innovative applications and is the latest design in place of the mirror that we use today. In this era of modernization, we've all been exposed to many things that lead to the development of the country and abroad. The success proves that many individuals with changing lifestyles with more modern methods always use the internet in a variety of things. To promote the realization of the form a country or an organization that thrives in many aspects, there are many people who always work regardless of time and need punctual. In addition, an individual such as this requires something innovative that can give a good impact and can produce a product that can help in an individual's life. Usually, an individual becomes difficult to find enough time in the day to accomplish all the tasks that are part of life, so multitasking becomes necessary. In the morning it is an important time to prepare yourself in front of the mirror, which is often slow and time-consuming. This Smart Mirror is able to handle a variety of problems in doing business in the same time. The problem lies in identifying ways to control all the factors that can affect a person individual to prepare ourselves for each day in addition to performing all the tasks that are important just in front of the mirror with more efficient. The goal of this project is to create a product that meets the needs of a person when preparing and receive information such as news, weather, time and other useful information. This mirror is designed with the ability to collect this information during the preparation of a morning daily life in order to more efficiently and easily. To make this more interesting mirror, we can develop our products to include a variety of control methods, as well as music and other entertainment. For the whole project, we hope that this smart glasses project, exciting and innovative products can enhance a more modern way of life.

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