

UNIVERSITI TEKNOLOGI MARA

**(iJenazAR) – LEARNING ISLAMIC FUNERAL
PRAYER USING AUGMENTED REALITY
TECHNOLOGY**

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ABSTRACT

For the Muslims, Islamic funeral prayer is categorized as Fard Kifayah and a process that must be done as fast as possible for the diseased and as a Muslim, we need to come and perform Islamic funeral prayer as one of the duties of Muslim. The current problem is people hard to learn about Islamic funeral prayer because lack of learning materials. The aim of this project is to develop iJenazAR Islamic funeral prayer using Augmented Reality for people who want to learn about the process on performing Islamic funeral prayer. The main feature of iJenazAR is using Augmented Reality technology which is marker-based technique to increase user experience as existing and similar applications that are available on the market only using audio and text and do not have this function. AR has revolutionized various domain such as business, education, and entertainment. The implementation of AR technology is capable on leverage the user experience. iJenazAR is developed using Malay language and is built on Android platform. The significant of this iJenazAR application as an assistive learning tool in order to help the Muslim educators and Muslims to learn Islamic funeral prayer in an interactive and engaging manner. ADDIE model has been used to ensure that every phase in collecting iJenazAR's content requirement, designing iJenazAR application and develop iJenazAR application run in structured way. This research is based on the user testing session with one (1) expert and three (3) users to get their responses while using iJenazAR application. The data collected was analyzed to determine iJenazAR's limitations and for future enhancement. This study offers suggestive evidence that Augmented Reality technology capable on leverage user experience in learning Islamic funeral prayer.

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CHAPTER ONE

INTRODUCTION

This chapter converses the background and rationale of this project. Thus, this chapter provides the project background, problem statement, research questions, objectives, scope, and significance of the project in developing iJenazAR application.

1.1 PROJECT BACKGROUND

Islamic funeral prayer is one of the most important Islamic prayers and Islamic funeral prayer is a Fard Kifayah (Munir Ahmad Mughal & Justice Munir Ahmad Mughal, 2011). Fard Kifayah can be defined as an obligation for the Muslim to know and learn. The Fard Kifayah can be defined as it is everyone fault if no one is performing it (Niaz, 2012). The Islamic funeral prayer is done when a Muslim is dead and it is part of the process that must be done before proceeding to Islamic shrouding process and Islamic burial process. According to Authorities (2017), the process must be done as soon as possible from the time of the death. The Islamic funeral prayer is performed differently according to the gender of the death. If the death is a male, the position of the head and shoulder must be level with the where imam is standing and for female, the Imam should stand level with the abdomen of the body (Authorities, 2017). The Islamic funeral prayer is different from other prayers because the ruku' and sujud or bow and prostate are not done and the prayer must be done in open place (Tasks, After, List, & Washing, 2015).