

Universiti Teknologi MARA

**Mobile Application About Interior Design Using
Augmented Reality Technique**

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ABSTRACT

Augmented reality has become well-used technique in many application and games. People tend to use those applications or games through mobile or portable device. This project is about mobile application about interior design using augmented reality technique which people can use as an application through portable device to design or decorate an interior of any desired place. Certain people have difficulties in visualize something not real into the real world environment therefore augmented reality technique used in this application help user to visualize the place of the furniture which user can see a 3d object furniture in the portable device as it really exist in the real world. Addie Model is used as a method for this project development. For the evaluation approach, usability test of the application are done by a few random user of people. Overall, the result base on the evaluation, most people said that the application can be used finely. This application also can be said three over five stars. In conclusion, technique, method and approach used for this application need to be taken care more so that user satisfied with the application.

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CHAPTER 1

INTRODUCTION

1.1 Introduction

Augmented reality has become well-used technique in many application and games. People tend to use those applications or games through mobile like one of the popular augmented games on 2016 called Pokémon GO. Other than games, people can use it as an application through portable device to design or decorate an interior of any desired place. In this chapter will present about the mobile application of interior design using augmented reality technique, and will state the background to the study, the statement of the problem, the objective, scope to the study, the significant and the limitation of the project.

1.2 Background

This project is about an interior design application that applied augmented reality technique used on a mobile apps approach. Augmented interior application is used to do 'DIY', design and decoration of some place. DIY stand for 'Do-It-Yourself' which is a process of designing, creating or modifying any particular object or product without any expertize but completed by an individual. This application is for user to design a blueprint or 'DIY' of home or office etc. Naturally people do it on piece of paper but it is not same if do it with application, because it can be seen like in a real world. It is suitable for ordinary people who those that does not know much about technology to use this application because it provide a fundamental function in this application.