

**Universiti Teknologi MARA**

**Learning Pinyin for Non-Native Speakers  
using Mobile Application**

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## **ABSTRACT**

An interactive multimedia is an additive learning tool for the user learning in interesting and enjoyable way. Combination of multimedia element such as sound, image and text in learning makes the learners more focus on what they are learning. It also will give a more positive impact to the users to understand more about Mandarin language. The problem face by the user is user interface is not user friendly because most of the learning is using Chinese characters as the medium for learning and users will find it hard to learn Mandarin language. This courseware will help users in learning on how to pronounce and understanding the meaning in the form of Pinyin. This research was focused on the sounds that will enable the users to understand and will pronounce the word in Mandarin. The methodology use is ADDIE method to have an overview a clear picture of teaching and learning. Future works suggested are to use other platform for this learning instead of Android application only and varieties of contents for user to learn. As the result, users or non-native speakers was able to learn and understand Mandarin language using this courseware and it will give advantages for them to learn Mandarin.

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# **CHAPTER 1**

## **INTRODUCTION**

In this chapter, the researcher will discuss in general about the projects to be developed. Some of elements that will be discussed in this chapter is the research background, problem statement, project objectives, project scope, significance and expected outcomes of the study.

### **1.0 Background of Study**

Learning Mandarin has become essential nowadays. According to New Straits Times more non-Chinese enroll in SJK(C). This is due to most of parents send their children to Chinese medium schools. However with today's technology everything can become possible even learning other language. It will become a problem when non-native speakers try to learn Mandarin language without any proper references or tools for learning this language. It also becomes a major problem when non-native speakers were teaching in original words or language without any proper explanation and teaching for them to understand what the characters all about.

It is advantages for us to learn more than one language. However without proper learning it, speakers or learners will have difficulties to learn and to master the language in the given period of time. Sometimes speakers or learners also cannot