

UNIVERSITI TEKNOLOGI MARA

**SLOW LEARNER AID MOBILE
APPLICATION**

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ABSTRACT

Several points have been identified where they lead to the success of this project. The problem statement of this project are the slow learner have a difficulty in maintaining social interaction and social skills, they may have a poor self-confidence and trouble making friends and these students are typically not eligible for special education services. Slow Learner Aid Mobile Application help the slow learner to be more confident to listen and pronounce the daily conversation with the people especially their friends. While the parents can guide them to do the exercise at home. In this project, three objectives that need to achieve are to identify and analyse the requirements of the Slow Learner Aid Mobile Application, design the Slow Learner Aid Mobile Application and develop prototype the Slow Learner Aid Mobile Application. The method of getting the objectives are done through interviewing the doctor, parents of slow learner and the teachers that teaching the slow learner as well as review of related literatures. The significant of this project are provide efficient aid, user friendly application and focus on providing convenience to the parents, teachers and slow learner. The Mobile Application Development Lifecycle (MADLC) is the methodology used in this project and only identification phase, design phase, development phase, and prototype phase being implemented. The scope of this project can be seen in three views which are for the slow learners in Malaysia that age 7 years old, especially children's from special education schools, and focus on listening and pronunciation by using word repetition concept. The recommendations for this project are adding more exercises for daily conversation and other words, quizzes and mirror part. In a nutshell, with high hope that the problems of the slow learner can be helped with existence of this Slow Learner Aid Mobile Application.

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CHAPTER 1

INTRODUCTION

This chapter will explain more details about the project background, project problem statement, research questions, objectives, project scope, and project significance and also outline of the project. It also gives the information that are required to proceed with the project and problems to be addressed.

1.1 Project Background

A slow learner is as a student who has the problem of learning and who learn more slowly compared to their peers. According to Don and Drew (2004), the slow learner has problem to adapt in the classroom because their intelligence quotient (IQ) are low enough. Intelligence quotient is the mental ability to respond to new and changing situations in a purposeful way that demonstrates comprehension, learning, abstract thinking, and problem solving capabilities and an IQ is a number that attempts to measure a person's intelligence (Braingle, 2014).

The slow learner are also called as a dull normal, low normal, or borderline retarded. As a normal person, IQ tests is 100 while IQ tests for the slow learner is a score between 70 to 90. The lower IQ level of slow learner can cause them difficulty in maintaining their social interaction and social skills. A slow learner also can be diagnosed as important through their achievement scores, grades, teacher ratings, psychologist's report, and doctor's exam other than IQ tests (Don and Drew, 2004). According to Erin, Ed and Nationally Certified School Psychologist (n.d), a slow learner can be described as a student that has the ability in their process of learning but when compared to other peers, their rate and depth below average.