

TESIS^ APPROVAL STATUS FORM

TAJUK : JAWI PRO TUTOR

SESI PENGAJIAN: 1-2004 / 2005.

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^ Tesis dimaksudkan sebagai Laporan Projek Sarjana Muda (PSM)

JAWI PRO TUTOR

NOR NAZIRAWATI @ NUR IZZATI BT ANANG

**This report is submitted in partial fulfillment of the requirements for the
Bachelor of Information And Communication Technology
(Interactive Media).**

**FACULTY OF INFORMATION AND COMMUNICATION
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2004**

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citations.

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DEDICATION

For my wonderful husband, who enjoys challenging me to complete
Jawi Pro Tutor with his constant love and support...

and

For my beloved parent, who always give me spirit and strenght...

and

For my dearest brothers and sisters, who are growing up together with
wonderful memories..

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ABSTRACT

This report is a synopsis of the Final Year Project which entitled Jawi Pro Tutor. The main objective of this project to expose the students to a real working environment especially in develop a project. The hands-on experience in the project will reinforce what has been taught at the university. Jawi Pro Tutor (JPT) is a developing an Interactive CD of Learning Jawi. JPT is especially to young children that are between five to seven years old. JPT will become a tool for approaching in learning Jawi at early ages of children. Development of JPT also want achieving our Ministry Of Education vision that want to introduce learning Jawi widely. From research, the popularity of Jawi due to its wide usage but there are no many participation from many parties. JPT will consist of five chapters that will include about an introduction to Jawi letters, spelling, write and read Jawi. JPT will stimulate interest in a colourful and dynamic environment appealing to a wide audience young and old, indigenous and non-indigenous. There is a several research in getting knowledge about how to integrate the multimedia elements into learning basis. Methodology in develop this project is focuses on six phases of multimedia development that is initiation, specifications, design, production, review and evaluation and delivery and implementation. With JPT, it hopes that Jawi become famous and can give more advantages from it.

ABSTRAK

Laporan ini merupakan penulisan mengenai Projek Sarjana Muda 2 (PSM 2) yang bertajuk Jawi Pro Tutor yang telah dijalankan pada dua semester iaitu pada semester khas dan semester biasa. Objektif utama projek PSM 2 ini adalah untuk mendedahkan pelajar kepada persekitaran sebenar dan kaedah tentang pembangunan sesuatu projek. Jawi Pro Tutor (JPT) adalah satu projek untuk membangunkan CD Interaktif Pembelajaran Bahasa Jawi. JPT adalah dibangunkan khusus untuk kanak-kanak diperingkat awal usia di antara lima hingga tujuh tahun. Ia juga adalah diharapkan dapat dijadikan satu pendekatan utama dalam menarik minat golongan kanak-kanak diperingkat tadika, sekolah rendah ataupun di rumah. JPT adalah diharapkan dapat memenuhi keperluan pembelajaran era kini selaras dengan kehendak Kementerian Pendidikan. Berdasarkan daripada kajian yang telah dijalankan, bahasa Jawi kini mendapat perhatian dari ramai pihak namun perkembangan permintaan ini masih tidak meluas kerana kurangnya penyertaan dari pihak-pihak sepatutnya. JPT akan mengandungi lima bab yang merangkumi pengenalan kepada huruf-huruf Jawi, mengeja, membaca dan menulis Jawi. Bagi menarik minat kanak-kanak, JPT akan mengandungi elemen-elemen multimedia iaitu audio, animasi dan kuiz yang dijalankan secara interaktif. Beberapa kajian telah dijalankan dalam mengintegrasikan multimedia ke persekitaran pembelajaran kanak-kanak. Metodologi yang akan digunakan untuk membangunkan JPT ini memfokuskan kepada enam fasa pembangunan multimedia iaitu permulaan, spesifikasi, rekabentuk, pembangunan, pengujian dan penilaian; dan penghantaran. Dengan pembangunan JPT ini, diharapkan Bahasa Jawi akan semakin dikenali dan memberikan faedah kepada semua pihak.

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LIST OF ABBREVIATIONS

BOD	- Board Of Director
CD	- Compact Disc
CDROM	- Compact Discs Read Only Memory
DBP	- Dewan Bahasa dan Pustaka
HTML	- Hyper Text Markup Language
ICT	- Information and Communication Technology
JPT	- Jawi Pro Tutor
KUTKM	- Kolej Universiti Teknikal Kebangsaan Malaysia
LAN	- Local Area Network
MSC	- Multimedia Super Corridor
PSM	- Projek Sarjana Muda

CHAPTER I

INTRODUCTION

CHAPTER I

INTRODUCTION

1.1 Background

Jawi Pro Tutor (JPT) is fun informative learning experience. JPT will stimulate interest in a colourful and dynamic environment appealing to a wide audience young and old, indigenous and non-indigenous. In addition to the benefits of promoting a Jawi language, the JPT will become a tool for approaching in learning Jawi at early ages of children. Development of JPT also want achieving our Ministry Of Education vision that want to introduce learning Jawi widely.

Jawi, the traditional Malay writing script based on the Arabic writing script was widely used in the Malay Archipelago since the 1300's. However, during the 1960's, Jawi became less prominent after the Malaysian Government officially adopted the use of the romanized writing system or Rumi as the medium to write the Malay language. Jawi became more confined to Islamic matters and is used in the Islamic courts, mosques, religious offices and religious schools. (Ahmad Zaki Abu Bakar, 1986)

With the popularity of Rumi due to its wide usage in education and official correspondence, less Malaysians were able to read the Jawi. As a consequence, a popular daily newspaper published in Jawi, the Utusan Melayu, which was in wide circulation for more than 50 years, suffered greatly. At one instance, its publication as almost stopped. At this juncture, many Malaysians have the firm belief that Jawi will soon be extinct if no serious effort is undertaken to save it.

The objective of developing this program is to introduce learning of Jawi to children in a multimedia presentation. It also can be an interval approach to reduce cost and energy. It has reacted as digital information that is interesting and interactive. It can be use as one of addition resources for the user that involve in this particular course like tutor or teacher at school.

In ensure that JPT will fulfil the objectives; a research has been made during the industrial training periods. iKED System Sdn Bhd at Lundang, Kelantan Darul Naim has developed an application CD in learning Jawi that is Jawi Pro Tutor (JPT). In the observation, there are a few weaknesses had been recognizing. The weaknesses need to be repaired and upgrade in give the best input in learning Jawi to children. The weaknesses are the answers that are given to children are wrong. It can make confusion to children. The interface is not very interesting because of the colours and graphics. To solve the problem, the quiz needs to be repair and upgrade. The new one will include an interesting graphics, interface and suitable audio.

1.2 Objectives Of The Project

The objectives of developing Jawi Pro Tutor are:

- i. to introduce of learning Jawi for children at early ages from five to seven years old,
- ii. to extend learning of Jawi specializes among primary school students,
- iii. to attract a children attention and interest in learning Jawi,
- iv. to make as an interactive approach and an impressive tool in learning Jawi among primary school students,
- v. to make as a exponent in method of learning Jawi at nursery, kindergarten and primary school and
- vi. to be able to learn independently and efficiently.

1.3 Aims, Limitations And Scope

1.3.1 Aims Of The Project

- i. To learn and gain as much experience and knowledge as possible from the process of developing a Jawi Pro Tutor and
- ii. To develop an interactive edutainment CD to be fitted with demands from user.

1.3.2 Limitation Of The Project

Jawi Pro Tutor is limited to be use on a CD, so the user must have a computer to run this application. There are no web-based elements in this product and the elements cannot be updated, as it is in to form of CD. It also cannot contain all the information especially the up to date information in learning Jawi script.

1.3.3 Scope Of The Project

The scope of the project is to develop an edutainment CD learning of Jawi among the children at early ages from five to seven years old. The CD will include five chapters that are 'Mari Mengenal Huruf', 'Mari Mengeja', 'Mari Menulis', 'Mari Membaca' and 'Bonus'. First chapter that is 'Mari Mengenal Huruf' is an introduction part in learning Jawi. It will contain an introduction presentation of Jawi letters to audience. The second part that is 'Mari Mengeja' as a second step will contain a method in how to combining of Jawi letters as a word. The third part that is "Mari Membaca" will consist of byword story. The fourth part will consist of method in writing a single Jawi alphabet and joint Jawi alphabet. Last chapter that is

Bonus is a special part for children. Bonus will consist of review question, Jawi dictionary and two karaoke children song.

The edutainment JPT will include other multimedia elements such as audio, video, an animation and will be reinforced with interactive quizzes that encourage active participation.

1.4 Significance And Benefits

1.4.1 Significance Of The Project

The development of the Jawi Pro Tutor project is to produce a quality educational package for the purpose of providing a unique, technology-based, instructional resource for teaching primary school students the Jawi Script. The application will make use of the entire multimedia element to illustrate and make an interactive presentation of learning Jawi Script. Through such interactive multimedia presentation will also provide learning opportunities in the disciplines of Pendidikan Islam, computer and will emphasize the resurgence of Islam or out of pure nationalistic feelings, there have been a lot of efforts to save the Jawi as a national heritage and to reintroduce it in a stronger manner in the public school curriculum.

1.4.2 Benefits Of The Project

- i. to ensure that every children at primary scholl will get knowledge in Jawi Script and skill such as read and write in Jawi,
- ii. to ensure that every Muslim child that completes year six at the primary level can read the Quran as well as read and write Jawi and
- iii. to disassociate the perception of Jawi with the script for religious and traditional purposes but rather a language that can be used for everyday living.

CHAPTER II

LITERATURE REVIEW

CHAPTER II

LITERATURE REVIEW

2.1 Introduction

Subject heading organizes the literature review that follows. Those subjects include: research of the current system, research of online homepage, jawi demands on media, jawi demands on computer and research of proposed system. Also literature reviews for several important term or word in developing the project. A review of the literature pertinent to these subjects was critical to achieving the project's goal to identify which multimedia technologies and applications were currently in use.