

**BORANG PENGESAHAN STATUS TESIS\***

JUDUL: DOCUMENTARY VIDEO : “ KEMBARA WARISAN – BECA  
BERHIAS MELAKA

SESI PENGAJIAN: 2 - 2007/2008

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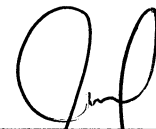
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**DOCUMENTARY VIDEO:  
“KEMBARA WARISAN – BECA BERHIAS MELAKA”**

**MOHD MUIZ RAHIMI BIN MOHD NIZAN**

**UNIVERSITI TEKNIKAL MALAYSIA MELAKA**

**DOCUMENTARY VIDEO:  
“KEMBARA WARISAN – BECA BERHIAS MELAKA”**

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**This report is submitted in partial fulfilment of the requirements for the  
Bachelor of Computer Science (Interactive Media)**


**FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY  
UNIVERSITI TEKNIKAL MALAYSIA MELAKA  
2008**

## DECLARATION

I hereby declare that this project report entitled  
**DOCUMENTARY VIDEO: “KEMBARA WARISAN – BECA BERHIAS  
MELAKA”**

is written by me and is my own effort and that no part has been plagiarized  
without citations.

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## DEDICATION

I dedicate this thesis to my parents. Without their patience, understanding, support and most of love, the completion of this work would not have been possible.

To my lecturer for being supportive to pursue my interest for this project, for giving lots of advises and keeps me to give out my efforts.

To my dear friends for being there to support, inspire and help through the entire years here.

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Bismillahirrahmannirahim.

Alhamdulillah and thankfull to the Mightiest, Allah S.W.T for giving me strength and will for me to finish this project successfully in the given time.

For my parents, thank for all your support and encouragement, which gives me courage and chance to further my study. Thank you for spending all your money in order to see your son learn the best and be the best.

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I would also to says that I am really thankful for having friends who are very supportive. With their kindness and help directly or indirectly, now I be able to complete this project. Thank you my friends.

Thank you.

## ABSTRACT

Documentary Video: “Kembara Warisan – Beca Berhias Melaka” is a product to bring back the good memories of trishaw in Malaysia especially in Malacca. Because today, trishaw is rise forgotten especially by the youth and this product is produce on the right time to make youth know, understand, and remember about the hire of the trishaw. The development process that is applied to develop this project is Multimedia Development Process. This project carried out in research on producing documentary video by combining the element of audio and video with the 3D animation. This research will find how effective documentary video when combining those three multimedia elements. 20 despondences were taken for alpha and beta testing. Interviews are done to get the exact information.

## ABSTRAK

*Video Dokumentari: “Kembara Warisan – Beca Berhias Melaka”* adalah sebuah produk video untuk mengembalikan ingatan tentang beca di Malaysia terutamanya di Melaka. Kerana pada hari ini, beca kian dilupakan terutamanya oleh golongan muda dan produk ini dihasilkan tepat pada waktunya untuk membuatkan para golongan muda pada hari ini tahu, faham, dan mengingati tentang warisan beca. Proses pembangunan yang diaplikasikan dalam membangunkan projek ini adalah Proses Pembangunan Multimedia. Projek ini juga menjalankan kaji selidik tentang penghasilan sebuah video dokumentari dengan menggabungkan elemen-elemen audio dan video bersama animasi 3D. Kaji selidik ini akan mencari sejauh manakah keberkesanan sebuah video dokumentari apabila menggabungkan ketiga-tiga elemen multimedia tersebut. 20 orang penguji diambil untuk ujian alpha dan beta. Temuramah dijalankan untuk mendapat maklumat yang lebih tepat.



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**LIST OF ABBREVIATONS**

<b>EWS</b>	-	<b>Extreme Wide Shot</b>
<b>VWS</b>	-	<b>Very Wide Shot</b>
<b>WS</b>	-	<b>Wide Shot</b>
<b>MS</b>	-	<b>Medium Shot</b>
<b>MCU</b>	-	<b>Medium Close Up</b>
<b>CU</b>	-	<b>Close Up</b>
<b>ECU</b>	-	<b>Extreme Close Up</b>
<b>ZO</b>	-	<b>Zoom Out</b>
<b>ZI</b>		<b>Zoom In</b>
<b>F</b>	-	<b>Focus</b>
<b>3D</b>	-	<b>3 Dimension</b>
<b>PC</b>		<b>Personal Computer</b>
<b>CD</b>	-	<b>Compact Disc</b>
<b>DVD</b>	-	<b>Digital Video Disc</b>
<b>RAM</b>	-	<b>Random Access Memory</b>
<b>HD</b>	-	<b>High Definition</b>
<b>fps</b>	-	<b>Frame Per Second</b>

**LIST OF APPENDICES****TITLE**

<b>Gantt Chart</b>	<b>Appendix A</b>
<b>Milestone</b>	
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## CHAPTER I

### INTRODUCTION

#### 1.1 Project Background

This project is an 18-21 minutes documentary about trishaw in Malacca. Documentary video “Kembara Warisan – Beca Berhias Melaka” will show the differentiations between trishaw in Malacca and trishaw in other countries such as trishaw in Penang. In this documentary, a trishaw hoist will be highlighted to show how he manages his life as a trishaw hoist. And the important part is this documentary will teach people how to build a trishaw because on this day trishaw rise forgotten. There are a lot of documentary that are broadcasted, but sometime the documentaries not attractive enough for audiences. Also some documentaries cannot deliver the important message to audience because of ineffective delivery method. This documentary will apply the combination of audio and video element with 3D animation to develop a good documentary. Accurate elements that will be used will make this documentary more attractive and achieve the objective in fact.

Documentary video “Kembara Warisan – Beca Berhias Melaka” will show the differentiations, and the way trishaw in Malacca made. This documentary will use elements of video and audio. Besides a narrator would explain on the story that will be shown and element of 3D animation will be include to complete this documentary to explain the ways to make a trishaw.

Using the 3D animation element would facilitate audience to understand the ways to make a trishaw. The ways to make a trishaw will be shown one by one with more details.

## **1.2 Problem Statements**

Nowadays, various ways are used to deliver a documentary. It does include through magazine, radio, and television. Most effective documentary is over television because the audiences can see, hear and understood what will be delivered. In this project, documentary which involves the elements of video, audio, and 3D animation will be used. A documentary video will be used because it is more attractive and effective compare to others.

In Malaysia, there are a lot of documentary video that are broadcasted, for examples “Majalah 3” and “Jejak Rasul” on TV3 that are able to attract attention many audience. Yet there were some documentaries that still have weakness and less interest. Also, there were documentaries that do not succeed to deliver their main message because of the elements used documentary still not enough.

## **1.3 Objective**

1. To develop an attractive documentary video that will show about trishaw in Malacca.
2. To apply combination of audio and video element with 3D animation in developing a documentary.
3. To study whether combining 3D animation with audio and video element in developing a documentary will make the documentary more attractive and effective or not.

#### **1.4 Scope**

This documentary is actually can be watch and will be preview for general society. But it is more focusing on youth which in age between 13 to 25 years old which is the target audience because today trishaw is rise forgotten especially by the youth. Even many of them never board a trishaw.

The softwares that will be applied in this project are Adobe Premier Pro 2.0 and Adobe After Effect CS3 for video editing, Adobe Photoshop CS2 for image editing, Autodesk 3D Studio Max 9.0 for modeling and animating the 3D animation, and Sony Sound Forge 9.0 for sound editing.

#### **1.5 Project significance**

This project is to produce an attractive and effective 18-21 minutes documentary that suitable to watch by all group of society. The skill and technique will improved and successful when developed a high quality documentary video. It is important to produce a good documentary in the future apart from improving skill in production field.

#### **1.6 Conclusion**

This project will produce an attractive and entertain 18-20 minutes documentary. This documentary will show the differentiations between trishaw in Malacca and trishaw in other countries. It does also tell about the history of trishaw, where the trishaw come from and when the trishaw come to Malacca and teach people how to build a trishaw. The skill in production field especially in audio and video and also 3D animation will improved day by day.

## CHAPTER II

### LITERATURE REVIEW AND PROJECT METHODOLOGY

#### 2.1 Introduction

In this chapter, it will explain the methodology to be used in the project development. Project milestone is also attached in methodology. Project schedule and Gantt chart are very important in this project because it will tell and ensure that the flow of the project will run as planned.

The main purpose of this project is to study whether combination between Audio and Video element with 3D animation is suitable or not in producing a documentary. According to definition in wikipedia, documentary film is a broad category of visual expression that is based on the attempt, in one fashion or another, to "document" a reality.

The interesting video can be providing by using multimedia element. Multimedia is comprised of several elements including text, graphics, sound, video, and animation. The practical of effects in those elements will make the video be more interesting and give greater sense for audience.

## 2.2 Domain

The domain of this project is an 18-20 minutes documentary. Documentary is a broad category of visual expression that is based on the attempt, in one fashion or another, to document a reality. Documentary deals with fact, not fiction. Most importantly, documentaries explore into a non-fictional world with real events, real issues, real conflict, real people and real emotions. Everything seen and heard on screen is grounded in accuracy and has no element of fiction. As we can see and if we notice, most of documentaries that have been broadcasted in Malaysia usually only apply the audio and video technique. This means, there are no special technique have been apply to make these documentaries look different and be attractively. In this documentary video “Kembara Warisan – Beca Berhias Melaka”, a combination between audio-video technique and 3D animation using Autodesk 3D Studio Max 9.0 as the animation developing tools will be apply to deliver the information for the audience.

There are many ways to deliver a documentary such as through television broadcasting (documentary video), radio broadcasting (documentary radio) or through magazines. Today, there are many documentary programs is broadcasted. Various techniques and ways use to deliver the message loaded into these documentaries. However, documentary that have been broadcasted through television most attractive for audiences. This is because documentary broadcast through television easier to be understood by the audience. Audience can see, hear, and feel and at the same time facilitate audience to find the real message. Besides, documentary broadcast via radio, just able audience to hear and fancy only but could not see the moving image (video). Also different with documentary magazine, audience can see pictures loaded; read the message delivered but they could not hear information by presenter (narrator).

Nowadays, documentary video are used spread and widen in all live aspect such as education and entertainment. The domain of the project is on edutainment which is combination of education and entertainment. This way will attract the audiences to entertain and learn at the same time.

### 2.3 Existing System

From the research, documentary video already be broadcasted by television stations in Malaysia and all over the world. This existing system is about to research, references, case study and other finding that related to this project. The existing system that relates with this project is the documentary series “*Majalah Tiga*”, and “*Jejak Rasul*”. These existing systems were using different technique and concept to present the message for the audiences. These existing systems will be used as references and guide in order to develop this project.

#### i) **Majalah Tiga**

Majalah Tiga is a popular Malaysia documentary program series which is currently aired on TV3 (Sistem Televisyen Malaysia Berhad). It is shown at 9:00 pm every Saturday with repeats of old episodes aired at alternate times. This program is presented by Norzie Pak Wan Chek as the program host. Majalah Tiga is the first ever documentary program produced by TV3 since 1987 and garners about 3 million viewers each year. The various topics that are discussed in Majalah Tiga include the environment, science and technology, biology as well as humanitarian issues.

In recent years, Majalah Tiga has focused on issues regarding the plight of people in countries that were hit by war or natural disasters. The example of their reports is the report on the Palestinian refugee situation in Jordan, Lebanon and Syria. Other countries that have been highlighted by the show are China, Thailand, Pakistan, Sudan and more. This show is related to *Bersamamu*; a reality based

television program that highlight the hardship of the hard-core poor, terminally ill and severely disabled as a means to help them. Special segments had been sponsored by Bank Pembangunan and Shell Malaysia.



Figure 2.1: Documentary television program “Majalah Tiga”

ii) **Jejak Rasul**

**Jejak Rasul** is a popular Islamic documentary show in Malaysia. The show is broadcasted on TV3 and always broadcast during the Ramadan fasting month. The show is sponsored by Bank Pertanian Malaysia. Several repeats have also been aired on TV9 and most recently on Astro Oasis. Below is the list of series of Jejak Rasul documentary:

- Jejak Rasul (1995 = 1416AH)
- Jejak Rasul 2 - (1996 = 1417AH)
- Jejak Rasul 3 North Africa and Europe - (1997 = 1418AH)
- Jejak Rasul 4 China and India - (1998 = 1419AH)

- Jejak Rasul 5 Southeast Asia - (1999 = 1420AH)
- Jejak Rasul 6 Africa - (2000 = 1421AH)
- Jejak Rasul 7 Mesir Bumi Anbia - (2001 = 1422AH)
- Jejak Rasul 8 Sutera Laut Bumi Syahadah - (2002 = 1423AH)
- Jejak Rasul 9 Warkah Mesopotamia - (2003 = 1424AH)
- Jejak Rasul 10 Sejagat yang Berdaulat - (2004 = 1425AH)
- Jejak Rasul 11 Sicupak dari Istanbul - (2005 = 1426AH)
- Jejak Rasul 12 Nabi Muhammad SAW - (2006 = 1427AH)
- Jejak Rasul 13 Sahabat - (2007 = 1428AH) (Monday to Friday only)
- Jejak Rasul 13 As-Salam USA - (2007 = 1428AH) (Saturday and Sunday only)