

PREMIUM AUTO CENTER SYSTEM

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PREMIUM AUTO CENTER SYSTEM

NUR AFIQAH BT TAMAMI

This report is submitted in partial fulfillment of the requirements for the Bachelor of
Computer Science (Database Management)

FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
UNIVERSITI TEKNIKAL MALAYSIA MELAKA
2014

DECLARATION

I hereby declare that this project report entitled
PREMIUM AUTO CENTER SYSTEM

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

STUDENT : _____ Date: _____
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SUPERVISOR : _____ Date: _____
(PN. SYAHIDA BT MOHTAR)

DEDICATION

To my mom and dad, Pn Azizah Bt Md Yusof and En. Tamami B Haji Ehsan

To my beloved supervisor, Pn Syahida Bt Mohtar

And to the fellowship friends of BITD, who gives co-operation and knowledge sharing
in completing this project.

Thank you so much.

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Thank you.

ABSTRACT

Premium Auto Center System is a system that provides records storage management applications. The system will keep records of employee, customer, car test drive booking appointment, used vehicles sell by customers, and used vehicles and spare parts sell by the auto center. Through this system, customer can view and buy a used vehicles and spare parts. In addition, they can book for a time and date for car test drive. Methodology Software Development Life Cycle (SDLC) used in the development of this project is Backflow Waterfall Model. Software involved in the development of this system is Adobe Dreamweaver CS3, Adobe Photoshop CS3, WAMP Server 2.1, Hypertext Preprocessor (PHP) and Oracle in its package, Windows 7 and Mozilla Firefox as web-browser.

ABSTRAK

Premium Auto Center System adalah sebuah sistem yang menyediakan aplikasi pengurusan penyimpanan rekod. Sistem akan menyimpan rekod-rekod pekerja, pelanggan, temujanji tempahan pandu uji, kenderaan terpakai dan peralatan kenderaan untuk dijual. Melalui sistem ini, pelanggan dapat melihat dan membeli kenderaan terpakai dan peralatan kenderaan yang dijual oleh *Premium Auto Center*. Tambahan pula, pelanggan boleh membuat temujanji untuk tempahan pandu uji kenderaan terpakai. Metodologi *Software Development Life Cycle (SDLC)* yang digunakan di dalam pembangunan projek ini ialah *Waterfall Backflow Model*. Perisian yang terlibat di dalam pembangunan sistem ini ialah *Adobe Dreamweaver CS3*, *Adobe Photoshop CS3*, *WAMP Server 2.1*, *Hypertext Preprocessor (PHP)* dan *Oracle* di dalam pakejnya, *Windows 7* dan *Mozilla Firefox* sebagai pelayar laman sesawang.

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LIST OF ABBREVIATIONS

CPU	-	Central Processing Unit
DBMS	-	Database Management System
DFD	-	Data Flow Diagram
ERD	-	Entity Relationship Diagram
GUI	-	Graphic User Interface
PHP	-	Hypertext PreProcessor
RAM	-	Random Access Memory
SDLC	-	System Development Life Cycle
UTeM	-	Universiti Teknikal Malaysia Melaka

LIST OF ATTACHMENTS

ATTACHMENT	TITLE
Appendix A	Gantt Chart
Appendix B	Questionnaire Survey
Appendix C	System Manual
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CHAPTER I

INTRODUCTION

1.1 Project Background

Premium Auto Center System is a new computerized system to be developed focusing on customer satisfaction to make an appointment on car test drive. In addition, they can trade and sell their used car. A customer need to register his or her personal details such as name, contact number and etc to get their own login id and password to login to the system. This will enable them to make an appointment on car test drive thru online system, buy used car or spareparts from the auto center.

After an appointment has been made by a customer for a car test drive, the system administrator which is the employees will decide whether to approve or reject the request according to the void of booking time. Once customer test drive booking date and time request is approve, customer may come to the auto center based on the date and time requested to do the test drive.

System administrator which is the employees is the main user of this system. Task to do by the employee is to manage the customer records. Through the system, customer can book for a car test drive schedule or sell and buy second hand vehicles and new spare parts from the auto center. As the result, this system will keep track all the sales activity regarding the company and save the record.

This application will be of benefit to employees and customers because it allows users to practice paperless. In addition, employees can reduce the time during the preparation of the report to the company.

1.2 Problem statement

i. Lack of time booking for car test drive.

- Customer difficult to find the right time to test drive a car. Without making any schedule appointment, they come to the center and need to wait for their turn to be served.

ii. Hard to find which auto center that accept for trading.

- Customer hard to find which center provides a sell and buy service for secondhand vehicles and new spareparts.