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JUDUL: E - A & Z AUTO DELIVERY SYSTEM

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E-A & Z AUTO DELIVERY SYSTEM

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

FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
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DECLARATION

I hereby declare that this project report entitled

E-A & Z AUTO DELIVERY SYSTEM

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

STUDENT :



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DEDICATION

To my God, Allah SWT

To my beloved parents, Nik Mohamed Amin B Nik Jaafar and Rohani Bte Ismail

To my supervisor, Pn Azlianor Bte Abdul Aziz

ACKNOWLEDGEMENT

Firstly, I would like to thank to Allah S.W.T for the permissiveness to me to complete for about eight months in Projek Sarjana Muda (PSM).

I would also like to thank to Pn. Azlianor Bte Abdul Aziz my supervisor for helping me to end this PSM successfully and give me the guideline, courage, advice throughout the implementation of the project. Thank to my friend that gives the moral support and helping me during accomplish my thesis.

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ABSTRACT

Projek Sarjana Muda (PSM) is the opportunity for student to improve and implemented all their studies in degree with developing their own project related on the majoring course. In this project student will choose their own topic of project and capacitate it by their own self.

The project title that I choose is E-A & Z Auto Delivery System. This system is to help Administrator(car agent) to view all the car at A&Z Auto to the user through the internet. Through this application, so the user does not need to come and see at A&ZA. They only have to seat and surf the E-A & Z Auto Delivery System through the internet anywhere.

The methodology that used is using the Object Oriented Analysis Design method to develop the application starting the project planning task until installation process. All the phase is keep track on to ensure the application will be done properly. Macromedia Dreamweaver MX programming tool and socket programming is used to generate the application.

ABSTRAK

Projek Sarjana Muda (PSM) merupakan satu peluang untuk pelajar melaksanakan dan memperbaiki segala pembelajaran mereka di peringkat ijazah dalam membangunkan projek yang berkaitan dengan jurusan yang diambil. Dalam projek ini, pelajar akan memilih topik projek dan merancang keluasan skop secara sendiri.

Tajuk projek yang saya pilih ialah E-A & Z Auto Delivery System. Sistem ini adalah untuk membantu Administrator(agen kereta) untuk mempamerkan kenderaan-kenderaan yang terdapat di A & Z Auto kepada pengguna(User) menerusi rangkaian Internet. Jadi pengguna(User) tidak perlu bertandang ke A&ZA, tetapi hanya hanya melayari internet di mana sahaja.

Metodologi yang digunakan ialah kaedah rekabentuk analisis berorientasikan objek(Object Oriented Analysis Design) dalam membangunkan aplikasi ini bermula dari tugas perancangan projek sehingga proses pemasangan. Kesemua fasa akan ditempuhi untuk memastikan aplikasi ini disiapkan dengan pantas. Macromedia Dreamweaver MX digunakan sebagai alat pengaturcaraan dalam menghasilkan aplikasi ini.

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LIST OF ACRONYMS

- | | |
|------------|---|
| 1. KUTKM | Kolej Universiti Teknikal Kebangsaan Malaysia |
| 2. PSM | Projek Sarjana Muda |
| 3. A&ZA | A & Z Auto |
| 4. EA&ZADS | E-A & Z Auto Delivery System |
| 5. PC | Personal Computer |

CHAPTER 1

INTRODUCTION

This first chapter will describe about the whole project briefly. It is v important in order to explain to the people who take charge in this project. It also help to understand and cover the topic that will be discussed in the next chapter. In chapter will describe about the background of the project, the problems based on previous manual system, the objectives, the scope and the project significance.

1.1 Project Background

The title of this project is E-A & Z Auto Delivery System(EA&ZADS). It will used by management side of A & Z Auto(A&ZA). *A&ZA* is stand for the name of seller agent's company. This company had been placed at Kelantan and operated for years. This company provides services of selling a new car and also second hand . During their operation until today, *A&ZA* did not have any online system.

Therefore, it affixed my pretension to make the research about car business system. In this case, the procedure and scoping of functionality of modules have been created for the *EA&ZADS*. Several modules and functions are provided in this web-based application. The main module is data entry of new and second hand car after those cars arrived at *A&ZA*. This data entry will be managed by *A&ZA* staff.

The second module is application form which provides to user to find their best car to get. It's so easy and more beneficially to them to get best car through these services. They just key in their profiles and the features about car that they want. Automatically, all the information from application form will be saved in the database system. Then, from the features about car that been entered by user will be determined by the system. Then, the system will show the best result for car which must be obtained by that user. Once the new cars arrive at that company, then as basically the staff will key in the information of that car. At the same time, the system will check to the table of request car either that new car is same to what user want or not. In the case of new car is same to what user wanted, and then the system will warn to the staff that the request car by user has been found. Then, for the next step, the staffs only call or send email to the appropriate user to inform the requested car are arrive at the *A&ZA*. Then, the user will come to the *A&ZA* for the buying process of car.

In this system, it also provides the function of forum that is useful to the user. The user can make the public meetings or discussions about the cars between them in this forum. The staffs of *A&ZA* also are invited to give their comprehension and opinion in that forum.

1.2 Problem Statement

Mostly the biggest company around the world use internet as a medium to communicate with each other. And nowadays, most of them use web-based system to announce and advertise their product. That's why we call they use the best medium in order to introduce the asset from their factory.

Through this research, *A&ZA* is the best choice in order to change their plan to introduce their company asset. Actually, *A&ZA* not use internet as a platform to communicate with others yet. That is a problem if they use the manual system to operate their business. The user cannot get the updated news about the car which entire at their company. So, that is the best way to change *A&ZA* to use internet in operate their business.

The other problem is time consuming. The user needs to visit *A&ZA* Company to see the cars. This problem can be overcome where the user serve the internet and access the *EA&ZADS*. *A&ZA* also get hardness about complain from user. The user must to come to *A&ZA* to ask about the problem of their car. But if they use the *EA&ZADS*, the user can ask their question through the forum that be provided in that system. Besides that, through this online application, the user able to get fast reply regarding problems occurred of their car (if any). This can be accused through forum features in this application.

1.3 Objective

These are the objective that is the main point of having this project.

- i. To bring better and easily communication between user and staff through this system such as early information from staff to the user.
- ii. To provide the easy public meetings or discussions between user and staff about the cars that give more beneficially to the user.
- iii. To support administrative operations with increased efficiency and capabilities.
- iv. To give the facility to the user in order to choose the best car to them.

1.4 Scope

These are the scope of this project that can be dividing into two level users.

1.4.1. Administrator

- i. Administrator is referring to authenticated staff of *A&ZA*. They can manage *EA&ZADS* every time.
- ii. Administrator also can call or send an email to the user who's their car that they want are arriving, but depend on them.

1.4.2. User

- i. All Malaysian can use the *EA&ZADS* through the internet. They can follow for the new car that be updated by *A&ZA* staff through this system.

These are the modules that contains in *EA&ZADS*.

1.4.3. Module contained in Administrator package.

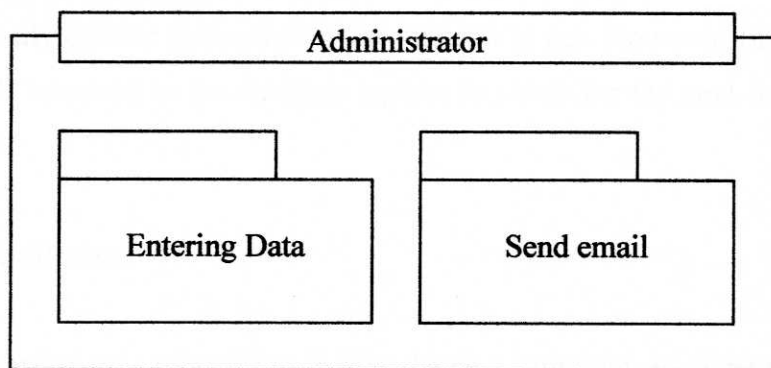


Figure 1.1: Administrator package

Based on figure 1.1, it shown that Administrator(*A&ZA* staff) will manage the process of entering data of new car into the *EA&ZADS*. They also will send an email or call to related user that want the car.

1.4.4. Module contained in User package.

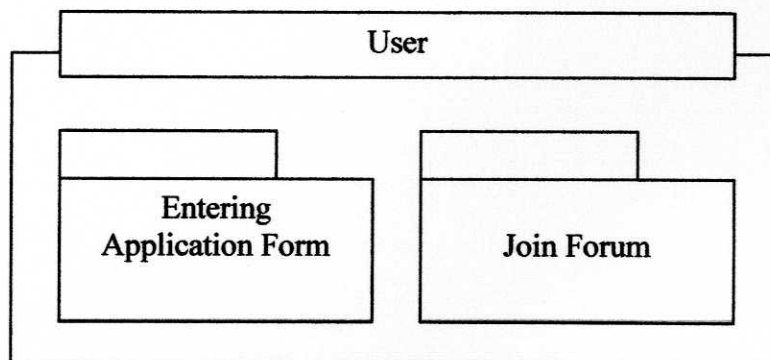


Figure 1.2: User package

Based on figure 1.2, it shown that user only has two modules in the *EA&ZADS*. If the user request for new car, they do not need to look at car seller agent's company. What they need to do is just entering the application form. Then, based on that form, the *EA&ZADS* will post to check either all the car that have already exist at that company are suitable or not. However, that application form will be saved in the database system to check for the next time after new car arrive.

1.5 Project significance

This research is one of an effort to give the best communication between users and car seller agent directly. It also is the intercession connection between two level users, and user got more benefit and knowledge about car. *A&ZA* also get more advantages through this *EA&ZADS* because the entire car in this company can be viewed through the internet. The users also get the advantage because they can see the entire car at this company through the internet at home. *EA&ZADS* is symbolize of an effort in order to achieve the Artificial Intelligent(AI) concept through this research. It can be the starting point to us to see how good system that we can done.

1.6 Conclusion

The whole project has been discussed briefly. It covers the entire topic for explanation to user who takes charge in this project. Basically, the user would understand the explanation of whole project as briefly. This project will discuss as a detail for the next chapter. In the next chapter will cover the topic about the literature review and project methodology.

This project is to be the best effort to give the contribution to the industry. This project have the market value that must be used to several industries. Actually, EA&ZADS is the one effort that will summon the concept of Artificial Intelligent(AI) through this research. We can see how good that we are in involve myself in this research and develop the system by using Artificial Intelligent(AI) concept.