BORANG PENGESAHAN STATUS TESIS

JUDUL : CARL'S RESTAURANT DELIVERY ONLINE SYSTEM

SESJI PENGAJIAN: 2009 / 2010

Saya FARAH NABILA BT MD NAWI

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This report is submitted in partial fulfilment of the requirements for the Bachelor of Computer Science (Software Development)
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I hereby declare that this project report entitled

CARL'S RESTAURANT DELIVERY ONLINE SYSTEM

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

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ABSTRACT

My project title called Carl’s Restaurant Delivery Online System is developing to Carl’s Restaurant. Carl’s Restaurant is a fast food business in franchise form like MC Donald, KFC and so on. Carl’s Restaurant provides delivery services using customer service staff. The system was developed to increase their profit other than to manage customer orders in a more systematic and computerized. Customers easy to manage their financial to ensure their delivery order according to their budget. The methods that use in develop this system with using System Structure Analysis and Design Methodology (SSADM) approach. In analysis that has been made, Carl’s Restaurant has been wasted because use many staff while Carl’s delivery order management can be handle by system. Carl’s Restaurant Delivery Online System can overcome the problems faced.
ABSTRAK

TABLE OF CONTENT

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACKNOWLEDGEMENT</td>
<td>i</td>
</tr>
<tr>
<td>ABSTRACT</td>
<td>ii</td>
</tr>
<tr>
<td>ABSTRAK</td>
<td>iii</td>
</tr>
<tr>
<td>TABLE OF CONTENT</td>
<td>iv</td>
</tr>
<tr>
<td>LIST OF FIGURES</td>
<td>ix</td>
</tr>
</tbody>
</table>

CHAPTER 1 INTRODUCTION

1.1 Project Background 1
1.2 Problem Statement 2
1.3 Objective 3
1.4 Scope 4
1.5 Project Significant 6
1.6 Expected Output 7
1.7 Conclusion 8

CHAPTER 2 LITERATURE REVIEW AND PROJECT METHODOLOGY

2.1 Introduction 9
2.2 Fact and Finding (Based on Topic) 10
  2.2.1 Domain 10
  2.2.2 Existing System 11
  2.2.3 Technique 12
2.3 Project Methodology 13
CHAPTER III

SYSTEM ANALYSIS

3.1 Introduction 20
3.2 Analysis of Current System 21
3.3 System Analysis 23
3.4 Requirement Analysis 24
  3.4.1 Functional Requirement 24
     3.4.1.1 Context Diagram 25
     3.4.1.2 Data Flow Diagram 26
     3.4.1.3 Entity Relationship Diagram 27
     3.4.1.4 Flow Chart Diagram 28
  3.4.2 Non-functional Requirement 42
  3.4.3 Other Requirement 42
     3.4.3.1 Software Requirement 42
     3.4.3.2 Hardware Requirement 43
     3.4.3.3 Network Requirement 43
  3.5 Conclusion 44

CHAPTER IV

DESIGN

4.1 Introduction 45
4.2 System Architecture 46
4.3 Database Design

4.3.1 Data Flow Diagram

4.3.2 Entity Relationship Diagram (ERD)

4.4 Interface Design

4.4.1 Mainpage

4.4.1.1 Homepage

4.4.1.2 List menu page

4.4.1.3 Contact us page

4.4.1.4 Register page

4.4.1.5 Feedback page

4.4.1.6 Login page

4.4.2 Admin page

4.4.2.1 Register page

4.4.2.2 Update page

4.4.3 Customer page

4.4.3.1 Type of menu page

4.4.3.2 Profile page

4.4.3.3 Order Status page

4.4.3.4 Order List Menu page

4.4.3.5 Menu Price page

4.4.3.6 List Order page

4.4.4 Manager page

4.4.4.1 Type of menu page

4.4.4.2 Staff page

4.4.4.3 Manager Login

4.4.5 Delivery Man page (mobile application)

4.4.5.1 Login page

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CHAPTER V

SYSTEM IMPLEMENTATION

5.1 Introduction 63
5.2 System Development Environment 64
5.3 Software Configuration Management System 65
   5.3.1 Installation of Appserv 65
   5.3.2 Installation of Dreamweaver 65
5.4 Security Characteristic 66
   5.4.1 Authentication 66
   5.4.2 Integrity 66
   5.4.3 Availability 66
5.5 Conclusion 67

CHAPTER VI

TESTING

6.1 Introduction 70
6.2 Test Plan 71
   6.2.1 Feature to be tested 71
   6.2.1 Feature not be tested 72
6.4 Testing Tools and Environment 74
   6.4.1 Hardware 74
6.4.2 Software 74
6.4.3 Tools Environment Setup 75
6.5 Test Case 76
6.5.1 Purpose 76
6.5.2 Test Data 77
6.6 User Acceptance Testing 78
6.7 Conclusion 91

CHAPTER VII PROJECT CONCLUSION
7.1 Observation on Weakness and Strength 92
  7.1.1 Strength 92
  7.1.2 Weakness 93
7.2 Proposition for Improvement 94
7.3 Conclusion 95

REFERENCES 96

APPENDICES 96
# LIST OF FIGURE

<table>
<thead>
<tr>
<th>TABLE</th>
<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>Pizza Hut Delivery System</td>
<td>11</td>
</tr>
<tr>
<td>2.2</td>
<td>Detailed Agile Development</td>
<td>14</td>
</tr>
<tr>
<td>2.3</td>
<td>Project Schedule and Milestone</td>
<td>18</td>
</tr>
<tr>
<td>3.0</td>
<td>Flowchart of customer Order Process</td>
<td>21</td>
</tr>
<tr>
<td>3.1</td>
<td>Flowchart of Customer Receive Order</td>
<td>22</td>
</tr>
<tr>
<td>3.2</td>
<td>Context Diagram</td>
<td>25</td>
</tr>
<tr>
<td>3.3</td>
<td>Data Flow Diagram</td>
<td>26</td>
</tr>
<tr>
<td>3.4</td>
<td>Entity Relationship Diagram</td>
<td>27</td>
</tr>
<tr>
<td>3.5</td>
<td>Main page flowchart</td>
<td>28</td>
</tr>
<tr>
<td>3.6</td>
<td>Register page flowchart</td>
<td>29</td>
</tr>
<tr>
<td>3.7</td>
<td>Feedback page flowchart</td>
<td>30</td>
</tr>
<tr>
<td>3.8</td>
<td>Login page flowchart</td>
<td>31</td>
</tr>
<tr>
<td>3.9</td>
<td>Admin main page flowchart</td>
<td>32</td>
</tr>
<tr>
<td>3.10</td>
<td>Register customer page flowchart</td>
<td>32</td>
</tr>
<tr>
<td>3.11</td>
<td>Register staff page flowchart</td>
<td>33</td>
</tr>
<tr>
<td>3.12</td>
<td>Register favorite menu page flowchart</td>
<td>34</td>
</tr>
<tr>
<td>3.13</td>
<td>Register dessert menu page flowchart</td>
<td>35</td>
</tr>
<tr>
<td>3.14</td>
<td>Register promotion page flowchart</td>
<td>36</td>
</tr>
</tbody>
</table>
4.15  Order list Menu page  
4.16  Menu Price page  
4.17  List order page  
4.18  Type of menu page  
4.19  Staff page  
4.20  Manager login  
4.21  Login page (mobile application)  
4.22  Update customer status page  
4.23  Navigation diagram for admin  
4.24  Navigation diagram for customer  
4.25  Navigation diagram for manager  
4.26  Navigation diagram for delivery man  
6.1  Features to be tested for Login Module  
6.2  Features to be tested for Register Module  
6.3  Features to be tested for Admin Management Module  
6.4  Features to be tested for Order Module  
6.5  Features to be tested for Manage Order Module  
6.6  Features to be tested for Mobile Application Module  
6.7  Environment Setup Specification  
6.8  Purpose Description Module  
6.9  Input Login Module  
6.10 Input Register Module
<table>
<thead>
<tr>
<th>Section</th>
<th>Module/Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.11</td>
<td>Input Admin Management Module</td>
<td>76</td>
</tr>
<tr>
<td>6.12</td>
<td>Order Module</td>
<td>77</td>
</tr>
<tr>
<td>6.13</td>
<td>Manage Order Module</td>
<td>77</td>
</tr>
<tr>
<td>6.14</td>
<td>Mobile Application Module</td>
<td>78</td>
</tr>
<tr>
<td>6.15</td>
<td>User Acceptance Test (Login)</td>
<td>79</td>
</tr>
<tr>
<td>6.16</td>
<td>User Acceptance Test (Register)</td>
<td>80</td>
</tr>
<tr>
<td>6.17</td>
<td>User Acceptance Test (Admin Management)</td>
<td>81-84</td>
</tr>
<tr>
<td>6.18</td>
<td>User Acceptance Test (Order)</td>
<td>84-85</td>
</tr>
<tr>
<td>6.19</td>
<td>User Acceptance Test (Manage Order)</td>
<td>86</td>
</tr>
<tr>
<td>6.20</td>
<td>User Acceptance Test (Mobile Application)</td>
<td>87-88</td>
</tr>
<tr>
<td>6.21</td>
<td>Test Schedule</td>
<td>88</td>
</tr>
</tbody>
</table>
CHAPTER 1

INTRODUCTION

1.1 Project Background

Carl's Restaurant, one of its subsidiary hamburger chains, has opened its first flagship restaurant in Kuala Lumpur, Malaysia. The franchise restaurant opened on Monday, July 23 and is the fifth of 25 that will be opened over the next six years as per an agreement with Singapore-based franchisee Aspac F&B SDN. BHD. Aspac has been operating Carl's Restaurants in Singapore since 2005, and is excited to enter the Malaysia market.

Carl's System actually improves with the current system where the current system not provides online ordering. Customer need to call customer service to make their order. The current system makes some problem for staffs handle all customers especially during promotion.

This system is important to all parties’ admin, staff and customer for Carl’s Restaurant to handle delivery order online. Usually, customer takes time to think about their order and it causes the waiter process become slowly. With this system, Carl’s Restaurant can less their worker to handle delivery order while improving their profit. This system also important to customer knows the status of order and can add the other order anytime. Besides that, customer knows the total price order, it important to customer control their order according their budget.
1.2 Problem Statement

This system is developed to find several problems that appear when ordering Carl's delivery. The system is important to customers and staff to communicate with each other quickly.

Using the current system, it takes time for Carl's customer service to handle delivery customers. It is because sometimes customers take a lot of time to think about their order. Besides that, during many customers, it causes waiters to be insufficient to handle the customer.

The current system also causes high cost to control customers. It is because Carl's needs many workers to handle their customers in the ordering process, serve process, and others.

Besides that, the current system causes customers to only know the total price order during the payment process. It is difficult for customers to arrange the order according to their budget.

Lastly, the current system also provides the weekly, monthly, and annual reports manually, and the possibility of staff making mistakes is high.
1.3 Objective

In the Carl’s Restaurant Delivery Online System (CRDOS), it consists of five objectives that relate with problem statement.

- Customer order systematically and computerizes. It’s because to avoid loss of data.

- Reduce Carl’s worker. It is important to increase Carl’s profit.

- Automatic calculation during customer order. It is easy to customer know their order price on that time to ensure their budget.

- Provides mobile application for delivery man view customer info and update order status.

- Provides report of product demand. It is to prevent fault of entering data.
1.4 Scope

This system have three users. The user consists of:

Admin

- Login
  Only authorized user can access the system.

- Register
  Admin must register new admin and staff before using the system.

- Admin Management
  Admin insert / delete / update / view the information of staff, new place.
  Update menu and price of new promotion.

- Report
  Admin can request report of product demand.

Customer

- Login
  Only authorized user can access the system.

- Register
  Customer must register before using this system

- Order
  In this module customer can add/view/delete their order.
Staff

- Login

Only authorized user can access the system.

- Manage Order

In this module staff use the system to view order and update status of order.

- Mobile Application

Staffs use this system to view the customer address and update the status of order.
1.5 Project Significant

Carl’s is a large organization. This system is important for organization to ensure the needs and customer facilities to make delivery orders can reduce customer costs and also profitable the organization. Carl’s have problem especially when promotion where customer’s demand increased. This condition causes customer services are difficult to handle all customers. Besides the customer, this system is also useful for staff and admin.

Admin will control the whole system but staff can handle customer order, payment, and status of order and print the receipt. Customer uses this system to login and make their order. This system helps Carl’s management to manage systematically beside give more benefit to their organization.
1.6 Expected Output

After develop CRDOS, the expected output from the system is it beneficially to the target user. In addition this system can give latest information to customer. Beside that this system can be a secure system where before entering system, user need to login before continue the next operation.

This system also will help the management to improve their organization and increase their profit. Beside that it can ensure that management of Carl’s can be standardized and well manage. In addition this system can save all data secure and safely.
1.7 Conclusion

The conclusion have defined the problem statement and objective to develop Carl’s Restaurant Delivery Online System (CRDOS) that develops with consist six modules. This is login, register, order, manage order, admin management, mobile application and report. This system consists of three user admin, staff and customer. This system is important to all users for help handle their daily work and manage delivery order. This system use hardware like laptop, printer and others and use software like Window 7, Adobe Dreamweaver and MySQL.

The next topic will discuss about methodology, what the methodology can be use and what the system development approach is suitable for our group.
CHAPTER 2

LITERATURE REVIEW AND PROJECT METHODOLOGY

2.1 Introduction

In methodology phase, system developer needs to identify the type of methodology that is going to use to develop the system. This is very important as the methodology gives us a way to understand complexities. Besides, must identify the right methodology that will match perfectly with the system development in term of all aspects without any constrain and limitation.

This system should be analyzed detailed to that it will meet with user's requirements. For this system, Agile System Development Life Cycle (SDLC) as the system methodology and it will be developed based on the Structured Systems Analysis and Design (SSADM) technique.