ONLINE FINANCIAL REPORT

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Online financial report / Rini Hafzah Abdul Rahim.

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This report is submitted in partial fulfillment of the requirements for the Bachelor of Information Technology.

FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
KOLEJ UNIVERSITI TEKNIKAL KEBANGSAAN MALAYSIA
2005

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ADMISSION

I admitted that this project title name of

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DEDICATION

I owe this project and my true happiness I feel today to my beloved parent. My lovely father Abdul Rahim Bin Jalil, my mom lovely Zailan Binti Abdullah, and not forget my second mom Wan Azlina Binti Ahmad my grandmother Zainun Binti Lambak. Since the day I started going to this college until today, they are very caring and supporting for me.

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I love you all…

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ABSTRACT

This project papers is record for Online Financial Report. This document had record the process of development for Online Financial Report system from beginning to ending. UDA Holdings Berhad is one properties company in Bukit Bintang, Kuala Lumpur, Malaysia. Online Financial Report is developed to enhance the existing system financial report system in UDA Holdings Berhad and make financial report budgeting plan process become more convenient and efficiencies. Currently, UDA Holdings Berhad still doesn't have financial report system website. It is inconvenient to subsidiaries to insert financial report information for their company. Beside, the existing manual system also wasted the time and manpower to insert financial report information at UDA Holdings Berhad for every month. This project is importance, as it is developed to replace the existing manual financial report system with the computerize system and at the same time to realized UDA Holdings Berhad toward paper less mission. Online Financial Report aim is to lighten the subsidiaries' burden and provide an easy way to subsidiaries to insert financial report information on-line. RAD is chosen methodology to develop Online Financial Report. The users of this system are Financial Department staff of UDA Holdings Berhad and Subsidiaries of UDA Holdings Berhad. Subsidiaries can user this system to insert financial report, update financial report, view report and view graph financial report for their own company information. For financial department staff, they can view report for all subsidiaries and view graph for all subsidiaries. As conclusion, Online Financial Report can provide benefits to subsidiaries and financial department staff in UDA Holdings Berhad.

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LIST OF ABBREVIATION

Abbreviation	Word / Description
ADO	ActiveX Data Objects
ASP	Active Server Page
COST	Commercial Off The Shelf
CPU	Central Processing Unit
DFD	Data Flow Diagram
DHTML	Dynamic Hypertext Markup Language
EP	Equivalent Partitioning
ERD	Entity Relationship Diagram
GUI	Graphical User Interface
HTML	Hypertext Markup Language
IIS	Internet Information Services
KUTKM	Kolej Universiti Teknikal Kebangsaan Malaysia
LAN	Local Area Network
NIC	Network Inteface Card
OFR	Online Financial Report
PC	Personal Computer
PLSUM	Profit and Loss Summary
PSM	Projek Sarjana Muda
QDB	Query Database
RAD	Rapid Application Development
RAM	Random Access Memory
SDLC	System Development Life Cycle
STM	Seksyen Teknologi Maklumat
SQL	Structure Query Language
TCP /IP	Transfer Control Protocol / Internet Protocol
UDA	Urban Development Authority
UHB	UDA Holdings Berhad
UID	User Interface Design
XHTML	Extensible Hypertext Markup Language

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CHAPTER I

INTRODUCTION

1.1 Preamble / Overview

Nowadays, as the world is moving faster as well as the technology come and change very fast nobody can stop technology. We as the human and consumer sometime did not release what is the latest technology in the world. As the technology change faster, company needs to update their technology and service to fulfill their user requirement. A reliable system is essential for a company to provide meaningful data and at the same time user satisfied with the service that they get.

UDA Holding Berhad is one of the property development companies in Bukit Bintang, Kuala Lumpur. Nowadays, UDA Holding Berhad successfully develops many urban development projects around Malaysia for example Puduraya, Pertama Shopping Complex, Plaza Warisan, Plaza Angsana and etc.

This chapter will introduce to the new system named Online Financial Report System (OFR) that will develop for Financial Department of UDA Holdings Berhad. The purpose of the system is to calculate the monthly financial report for company budgeting plan performance between UDA's subsidiaries and UDA's financial department staffs. At the end of every month UDA headquarters can evaluate which one of their subsidiaries company financial report are under budget or over budget and at the same time headquarters can control subsidiaries budget plan level.

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By using financial report manual system, UDA's financial department using Microsoft Excel spread sheet to store information and budgeting plan. User of this manual system was facing many unsolved problem such as high risk of lose data, financial report filing system that are not systematic, delay of submission financial report and etc. Online system is the best solution to solve user problem by using currently manual financial report system. By using online system, database are created to store all the financial report data systematically than before and security aspect can be improve by only authorize user have permission to access this system. So online system is the best solution to change the situation and make it's easier than before.

Methodology called Rapid Application Development (RAD) Model will be used. With Rapid Application Development development, all the redesign and redevelop process much easier to fulfill user requirement.

1.2 Problem Statement(s)

This system have been suggests by the employee of UDA Holdings Berhad, Jalan Bukit Bintang, Kuala Lumpur. OFR need to build to fulfill the needs of the employees of UDA Holdings Berhad financial department to make the monthly financial report system systematically and easier than before. OFR also can be access everywhere even the employees have to work outstation or at home by using online technology.

1.3 Objective

Several objectives have been set to solve the problems that have been identified. The objectives are:

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i. To provide the better and high services especially for the staff in UHB.
ii. To provide fully data security to the user because it have a different level of authorization of the data in the system.
iii. To change a manually system to a new system that more security, efficiency and strong data.
iv. Develop one system that is user friendly. This is very important because without this element, user cannot understand and then they cannot interact with this project successfully.
v. Help user to do budgeting work then monitoring all their subsidiary expenditure and avoiding any misspend budgeting or costs.

1.4 Scopes

This project is especially proposed for UDA Financial Department and UDA Subsidiaries which are located around Malaysia. This project will be conducted for eight months due to schedule. Developing this system is quite complicated it is because it involves the online technology and financial budgeting plan system. The target of system is to produce a best financial report solution that allows financial department monitor and at the same time control their subsidiaries budgeting planning. There are around 42 subsidiaries companies will used this system and it can be divided into 2 categories of user, which is administrator and subsidiaries.

a) Administrator

Financial Department staff can be categorized as administrator. This group can access all the records that related to financial report data.

b) Subsidiaries

For subsidiaries staffs, they can only view and analyze their own company financial report. Beside that they also allow to send and receive e-mail to administrator to receiving the feedback of their company financial report performance.

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There are 2 modules included in this system. The modules are summarized as follows:

1. Administrator Module

This module only provides a function for administrator activity. There are 4 functions include in this module.

- Records Finder

Involves the process of searching a staff information or financial report information record identified by user.

- Report View

Involves the process of analyzing company financial report and produce it using report method.

- Graph View

Involves the process of analyzing company financial report and produce it using graph method.

- Database Maintenance

Involves the process of manipulating and managing financial report database records.

2. Subsidiaries Module

This module only provides a function for subsidiaries activity. There are 4 functions include in this module.

- Reporting

Involves the process for generating monthly financial report. The financial report information can be viewed in a report form or summarize reports.

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- Records Finder

Involves the process of searching a staff information or financial report information record identified by user.

- Report View

Involves the process of analyzing company financial report and produce it using report method.

- Graph View

Involves the process of analyzing company financial report and produce it using graph method.

1.5 Contributions

Due to the objectives of the project, it enables UDA Holdings Berhad management to control all the subsidiaries' financial report and budgeting plan system. Following are the project contribution.

1. With the technology of the system, user able to do monthly financial report reports from their via intranet using web browser.

2. With graph view, user can evaluate their financial report performance and at the same time can analyze their financial situation.

3. With detailed report, user can control the budgeting plan and avoid over budget financial report by checking financial report detail.

4. By using records finder function, user able to find specific data in a few second.

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1.6 Expected Output

In the last stage of this project, a perfect online financial report system with friendly-interface was implemented. The expected output from this project is system is able to generate financial reports and generate financial graph performance. Beside that, system also should be able to searching correspondence financial records staff information record based on user input. Beside implement a friendly-interface, this system also includes a tool function to maintain financial report database.

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CHAPTER II

LITERATURE REVIEW

2.1 Introduction

To develop a successfully online system for financial report, current system and other financial report online system are studies to develop a valid, reliable and efficient online financial report. The financial report flow, data and information for financial report are gathered by visiting the online financial report website.

2.2.1 Overview of the Literature Review

All the information needed to develop OFR is gain from *UDA Holdings Berhad, Bukit Bintang, Kuala Lumpur*. Besides that, internet research about related system also helped. The main purpose to do research about related system is to compare and share information between related systems with OFR. Besides that, manual system that used in UDA Holdings Berhad before OFR also been investigate to know the weakness of the current system and know the function correctly because functionality is required in new system.

It is important to compare and maybe share the techniques that used for the systems that related to OFR. After research of related system, the most problem usually occur when develop the system realized and solution of the problems also found. The best methodology should be used, the process of the related system that

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can be share with OFR will also realized by compare and study about the system before. New and best technology for OFR also can be use compare to the other existence systems.

With doing research about related systems the developer will know what scripting used for their system, the usual or appropriate database used, what the usual server used and also can learn a lot from the system.

Online system is better than manual system because this system has so many users and with online system, this application look more systematic than before. The used of paper will be increased and also make the messy way become smart way. With online system, the users can also access this system wherever they go. They can access even when they at home, on vacation, when outstation and wherever place that have internet line.

Otherwise, web have been chosen for this project because it most suitable in a new world to the people to make a decision. With modern web technologies', fast development, more and more new software solutions are constructed by web technologies and relative tools. Web has gradually become an excellent application environment. Increasingly, web-based applications are much nicer idea and can provide much better solutions than conventional application in many circumstances.

One of the most important strength of web application is its thin client type design. Unlike traditional thick client application, which needs to install the software system on every user's computers before they can use it, normally what a thin client application needs is just a web browser that is a basic environment in any operating system.

Another key reason a web application is advantaged is that it can perfectly achieve the three-tier or n-tier design model that is suitable to develop large enterprise application. Three-tier model has a "middle tier" that greatly increase code reusing, achieve maximize sharing distributed application and database, reduce

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network load and improve application data security. In the three-tier model, commands are sent to the "middle tier" of services, which then sends the commands to the data source. The data source processes the commands and sends the results back to the middle tier, which then sends them to the user.

2.2 Fact and finding

2.2.1 Case Study

There are some of the existence systems that related to OFR when I do research in internet. There are Existing Online Financial Report, Online Financial Accounting System (FIN), U and M Online Financial Report, GLBS, Online Financial System Reporting (OFSR), On-line Financial System Report (OFSR) and Online Financial Information Menu (OFIS). From all of this case study I do comparison about their aim,

i. Existing Financial Report System

UDA financial department and UDA subsidiaries are the main user of the existing manual financial report system. By using manual financial report system they are using Microsoft Excel sheet platform. All the completed financial report information will be stored in diskette before summit that diskette to UHB headquarter. UDA financial department is only one department at UDA Holdings Berhad that has the responsibility to manage and evaluate UDA subsidiaries financial report.

By using for this existing manual system, the interface of this system is just like other system that using Microsoft Excel sheet application. This make user of this system become feel boring and not

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