Universiti Teknologi MARA

MY Legalis Management System Add on Dashboard Features

Muhammad Khairul Faizi Bin Mohd Nawi

Thesis submitted in fulfilment of the requirements for Bachelor of Information Technology (Hons.)
Information Systems Engineering
Faculty of Computer and Mathematical Sciences

January 2017

STUDENT'S DECLARATION

I certify that this report and the project to which it refers is the product of my own
work and that any idea or quotation from the work of other people, published or
otherwise are fully acknowledged in accordance with the standard referring practices
of the discipline.

Muhammad Khairul Faizi Bin Mohd Nawi 2014969785

FEBRUARY 10, 2017

ABSTRACT

Messrs. Mansur & Yazrudin business process is currently doing manual filing system. There are many problems that encountered by the stakeholder with current system. The problems are staff need to manually keeping track of progress, no proper system to retrieve legal case information, and information of legal case is offline. The aim for the project is to develop an online dashboard legal case management system for Messrs. Mansur & Yazrudin. There is discussion about the Malaysia legal system, Law firm, Web Application, Dashboard, related works and methodologies in chapter two to gather the understanding of related topics. Based on the literature review, the proposed system will have developed using the Eclipse IDE with MySQL database that based on Waterfall model. There are explanations of each phases and activities of Waterfall model to achieve the aim of the project in the chapter three. There are only three phases of the Waterfall model which requirement analysis, design and development. There limitations of the project are the system does not provide any function for litigation cases, and dashboard only provide several shortcuts. The future works that can be done to improve the system of the project is add the function of litigation case, system dashboard feature can be expanded to the billing, and the system can be deploy to online server.

TABLE OF CONTENT

CON	TENTS	PAGE	
SUPE	RVISOI	R'S APPROVAL	i
STUD	ii		
	OWLE	iv	
ABST	v		
TABL	vi		
	OF FIG		
	ix		
LIST	OF TAB	BLES	X
СНАР	TER O	NE: INTRODUCTION	
1.1	Backg	ground of Study	1
1.2	Proble	em Statement	5
1.3	Resear	rch Aim	6
1.4	Resear	rch Objectives	6
1.5	Resear	6	
1.6	Resear	6	
1.7	Research Expected Outcomes		
1.8	Summ	7	
СНАР	TER T	WO: LITERATURE OVERVIEW	
2.1	Overv	iew of Malaysia Law	9
	2.1.1	Civil law Jurisdiction	10
	2.1.2	Shariah Law Jurisdiction	11
	2.1.3	Discussion of Malaysia Law	12
2.2	Law F	Firm	12
	2.2.1	Conveyancing	13
	2.2.2	Litigation	15
23	Web /	Application Overview	16

	2.3.1	Advantages of Web Application	17
	2.3.2	Core Language of Web Application	17
	2.3.3	Framework of Web Application	19
	2.3.4	Comparison of Web Application Framework	22
2.4	Dashb	oard Overview	22
	2.4.1	Dashboard Issues	23
	2.4.2	Dashboard Category	24
	2.4.3	Dashboard Elements	25
	2.4.4	Related Work	27
	2.4.5	Comparison of Related Works	29
2.5	Develo	opment Tools	31
	2.5.1	Eclipse IDE	31
	2.5.2	NetBeans IDE	32
	2.5.3	Comparison of IDE	33
	2.5.4	Oracle RDBMS	34
	2.5.5	MySQL RDBMS	35
	2.5.6	Comparison of RDBMS	35
2.6	Metho	dologies Overview	36
	2.6.1	Waterfall model	36
	2.6.2	Spiral model	37
	2.6.3	Rapid Application Development model	38
	2.6.4	Comparison of Methodologies	40
2.7	Summ	ary	41
СНАР	TER TH	HREE: METHODOLOGY	
3.1	Chose	n Methodology	43
3.2	Requir	rement Analysis	44
3.3	Design	n Phase	45
3.4	Develo	opment Phase	47
3.5	Summ	ary	48
СНАР	TER FO	OUR: RESULT AND ANALYSIS	
4.1	Requir	rement Analysis	49
	4.1.1	Conduct Interview	49