Universiti Teknologi MARA

Roommate Matching System By Applying a Pyramick Model

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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.

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ABSTRACT

College Administrative that are located in the University Teknologi Mara Kampus Jasin are having a problem when the new student wants to register in the college. The college administrative does not have any computerized system that could help to overcome this problem. The company also does not keep any student information in the computerized system. Besides, all universities around Malaysia have been using random matching system in order to match roommate for new students in every semester. This project is named as e-Roommatch. The requirements for this project were collected by questionnaire and interview of the stakeholder and the student itself. Students will be registered to their room in order from the first empty room till the last one. Through the research that had been done in developing a Roommates Matching System using the concept of metaphysics science, which is known as PYRAMICK Technique which uses the date of birth value as the parameter is a systematic way to know the background of students so that we can find the matching partner or roommate for them. This is to reduce the conflicts among roommates which may affect their studies. It is hoped this system would help students have a better roommate and will help in their studies. For the future work it is suggested that this system combines other techniques using psychological methods such as "Rahsia Bulan Kelahiran" and "Personaliti Warna". By using more than one technique, this system is expected to provide better result in order to match student's roommate.

TABLE OF CONTENT

CONTE	PAGE		
SUPERV	ISOR'S APPROVAL	ii	
STUDEN	iii		
ACKNOV	iv		
		īv	
ABSTRA	CT	V	
TABLE (vi		
LIST OF	ix		
LIST OF	TABLES	xi	
СНАРТЕ	R ONE: INTRODUCTION	1	
1.1 E	Background of Study	1	
1.2 P	Problem Statement	2	
1.3 A	Aim	2	
1.4 Research Objectives		3	
1.5 F	3		
1.6 F	3		
1.7 E	4		
1.8 S	Summary	4	
СНАРТЕ	R TWO: LITERATURE REVIEW	5	
2.1	Overview of roommate matching	5	
2.2	Overview of PYRAMICK model	6	
2.2.1	Theory Pythagoras numerology	9	
2.2.2	Theory Chinese philosophy	9	
2.2.3	Theory 5 element of Wu Xing	11	
2.3 I	Development of web based	12	
2.4 N	Methodology	13	
2.4.1	System development life cycle	14	
2.4.2	Agile development	15	
2.4.3	Rapid Application Development (RAD)	17	

	2.4	1.4	Summary of Systems Development Methodologies	19
	2.5	Ex	isting web based	21
	2.6	Dis	scussion	22
	2.7	Su	mmary	23
CHAPTER THREE: METHODOLOGY			25	
	3.1	Int	roduction Methodology	25
	3.2	Sy	stems Development Life Cycle (SDLC)	25
	3.3	Kn	owledge acquisition	28
	3.4	Re	quirement Gathering and Analysis Phase	28
	3.4	1.1	Conduct Interview Session	29
	3.4	1.2	Questionnaire	29
	3.4	1.3	Analysis requirement	29
	3.4	1.4	Document requirement	30
	3.5	De	sign phase	30
	3.5	5.1	Design system	30
	3.5	5.2	Design interface	31
	3.5	5.3	Document the system	31
	3.6	Im	plementation phase	31
	3.6	5.1	Develop system	31
	3.7	Ch	apter Summary	32
(CHAP	ΓER	FOUR: RESULTS AND ANALYSIS	33
	4.1	Kn	owledge Acquisition Phase	33
	4.1	.1	PYRAMICK Technique	34
	4.2	Re	quirement Gathering and Analysis Phase	36
	4.2	2.1	Conducting an Interview	37
	4.2	2.2	Questionnaire	39
	4.2	2.3	Analyze User Requirement	40
	4.2	2.4	Document requirement	42
	4.3	De	sign	50
	4.3	3.1	Design the system	51
	4.3	3.2	Design interface	54
	4.3	3.3	Document the system design	57
	4.4	De	velopment and implementation	57
	4.4	1. 1	Code the fully functional system	62
^	THAD	ГFD	FIVE: CONCLUSION AND DECOMENDATION	61