

TABLE OF CONTENT

CONTENT	PAGE
ACKNOWLEDGMENT	ii
LIST OF TABLES	iii
ABSTRACT	iv
CHAPTER 1: INTRODUCTION	
1.1 BACKGROUND OF STUDY	1-2
1.2 PROBLEM STATEMENT	3
1.3 RESEARCH AIM	3
1.4 RESEARCH OBJECTIVE	4
1.5 RESEARCH SIGNIFICANCE	4
CHAPTER 2: LITERATURE REVIEW	
2.1 DEFINITION	5-6
2.2 GOAL/PURPOSE/FOCUS IN HCI	7-9
2.3 IMPORTANT OF HCI	12-14
2.4 HCI MODELS	16
CHAPTER 3: RESEARCH METHODOLOGY	
3.1 RESEARCH APPROACH	19
3.2 METHODOLOGY	20
3.3 FLOW CHART OF METHODOLOGY	21
EXPLANATION OF CHART	22-23
CHAPTER 4: RESULT AND FINDINGS	
4.1 OBJECTIVE 1	24-26
4.2 OBJECTIVE 2	27-33
4.3 OBJECTIVE 3	35-40
4.4 DISCUSSION	41
CHAPTER 5: CONCLUSION AND RECOMMENDATION	
5.1 CONCLUSION AND RECOMMENDATION	42
APPENDIX	
APPENDIX A (DETAIL OF IPTA'S)	44-54
APPENDIX B	55
APPENDIX C (JOBS ADVERTISEMENT)	56-61
REFERENCES	62-63

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ABSTRACT

Human Computer Interaction (HCI) has becoming more and more important in developing new product in the market. Undergraduate learn HCI as part of their taught courses. IT industries implement HCI mainly in the area of developing and designing new product that their company is producing. As the expert in HCI is needed in designing the new product. The impact of HCI in the working environment, the benefit of the student who learn HCI and what kind of career they have with the knowledge and skills as someone who have HCI knowledge.

CHAPTER 1

INTRODUCTION

1.1 BACKGROUND OF STUDY

Human Computer Interaction is the study of how people design, implement and use interactive computer system and how computers affect individuals, organizations, and society (Myers, et al., 1996). The definition on Human Computer Interaction (HCI) means the way the system is being built by recognizing the elements of the end user instead of the elements that only being considered from the view point solely on the developer of the system.

HCI main goals are to build interactive system that are easy to learn, effective to use, and enjoyable from the user perspective (Fernandez, 2004). As stated here, the main goal is to build interactive system for the end user usage, the development of the system should be easy to learn by the end user. The developers or the system designer need to know what is the need from the end user view of the product. Therefore the system or the product needs to cater the need from the end user view and need.

It is a very crucial to study in Human Computer Interaction before someone get involved in developing new system or new idea in the field of information technology. The deliverable of the end product is important. The designing of every product that required usage is practically things that need to be considered. The user example, who, the knowledge they have and so on. The main focus in HCI is to design the product that satisfies and meets all the necessary requirement the user wanted.