Universiti Teknologi MARA

Development of an Interactive House Rental Information System (HRIS) Prototype

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DECLARATION

I certify that this thesis and the research to which it refers are the product of my own work and that any ideas or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practice of discipline.

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TABLE OF CONTENTS

Content   Page

ABSTRACT

Owning a house can be very expensive. Therefore, the only alternative is to rent a house. Before having a house for rent, people have to find house by surveying if there any advertisement regarding rental house. To find a house for rent is absolutely not an easy task. This process usually is time consuming and tiring. Thus, the Interactive House Rental Information System (HRIS) prototype is developed in order to solve this problem. This web-based system is able to help potential house renter to find the available house by looking at the location on the interactive map. This system also provide mailbox for communication purpose between house renter and house owner. This project is developed for the house owner who have house for rent in Shah Alam and potential house renter who are intended to rent a house in Shah Alam. This prototype will give benefit to potential house renter in finding and renting house. Besides, the house owner will have a platform to advertise and rent out their house.

Keyword: interactive map, mailbox

CHAPTER 1

1.0 Introduction

On 10 October 2000, Shah Alam was declared as a city of Selangor with population of over 450,000 and annual income more than RM100 million. In coming year 2010 total number of Shah Alam residents is estimated to increase up to 70,000 people including migration people in our country and the new born, as stated in Shah Alam City Council (MBSA). The development of new house in Malaysia has increased along with an increasing number of population.

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1.1 Research Background

This project is on the development of an interactive House Rental Information System (HRIS) prototype. This HRIS will be able to keep and track data about house for rental. It will show updated information such as availability of house. This HRIS also will keep data about potential house owner and house renter who are registered with this system. The HRIS is a web based system that is capable to help house renter to search house for rent through an interactive map. The HRIS will also provide online photos of the house. Besides, the HRIS will also provide a platform for house owner to advertise their house for rent beside the traditional way. House owner and house renter can deal or communicate through mailbox communication in this system.