

Universiti Teknologi MARA

**Development of
NR House Rental System**

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“In the name of Allah, the most Gracious and Most Merciful”

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ABSTRACT

This thesis project represents a custom web based system, designed to upgrade searching methods pertaining to rental accommodations for students of Universiti Teknologi MARA (UiTM). The purpose is to design and develop a web based system, able to manage accommodation search, also integrated into UiTM's Non-resident (NR) department. It focuses on UiTM's students from Shah Alam campus, owners of rental houses, and UiTM's NR department. The method used, SDLC model containing 5 phases of development which are planning, analysis, design, implementation, and testing. This methodology identified the project's feasibility and hardware and software requirements. At design stage, a blueprint that satisfied documented requirements was created using Cakephp as a framework. It is then developed and was put through functionality test. The end result, a web based system which is user friendly and time saving, also able to notify users via e-mail.

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CHAPTER 1

INTRODUCTION

1.1 BACKGROUND

With the current admission of about 10000 students for July-November intake, senior students are forced to seek accommodation outside of University Teknologi MARA (UiTM). Normally, students would either go to the UiTM's non residence (NR) department to get the list of available rent houses, or simply look-out for personal advertisements. Personal advertisements would usually be put-up at bus stands, block houses or shop lots. With the absence of an up-to-date information system, redundancy of non-vacant houses will surely occur. Almost none of the owners that their houses have been rented care to put-down their advertisements. Other students will continue to contact these numbers inevitably. This has led to the wastage of money, time and energy for the students. Moreover the list that is being kept by the UiTM's NR department is not up-to-date. The proposed UiTM's NR House Rental System will give access to up-to-date information on available rent houses. House owners may also have access to this web system, to have their advertisement put up. Not only that it makes finding a house for rent easier, it is also more time saving, cheaper, and greener with no more paper wastage.