UNIVERSITI TEKNOLOGI MARA

DEVELOPMENT OF MOBILE APPLICATION OF NON-RESIDENT STUDENTS OF UITM PERLIS

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Thesis submitted in fulfillment
of the requirements for the degree of
Bachelor of Surveying Science and Geomatics

Faculty of Architecture, Planning and Surveying

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AUTHOR'S DECLARATION

I declare that the work in this disertation was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This thesis has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Post Graduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

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ABSTRACT

The student who lived outside the campus was known as Non-Resident or off-campus student. Non-Resident student usually rent homes in the residential area near the campus such as apartments, terraces and others. Mobile application of Non-Resident student of UiTM Perlis aims to utilize the GIS application in mobile application development of NR student of UiTM Perlis. The objectives of this project was to create NR students database, to develop mobile application of NR student of UiTM Perlis and lastly to test the prototype to the staff of UiTM Perlis. It specifically studies on residential area near UiTM Perlis. This research is based on data obtained from Non-Resident Students Management Unit in UiTM Perlis. The data then was used to identify the location of Non-Resident student's rental house. The data was presented in ArcGIS Online as an interactive map that the user can view and access the actual location of student's rental house. The results of the study is the mobile application that can view the actual location and information of the Non-Resident student.

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