

Universiti Teknologi MARA

**An Interactive Mobile Apps For Kolej
Teratai Students**

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ABSTRACT

Kolej Kediaman Teratai is the second one of the college in UiTM that has a lot of activity that they want to do for the college student. However, some of the activity will be do mostly once a week. For examples, religious study, usrah, food business and barber corner. The main problem is the notices of college activity are not conveyed properly. Hence, the objective of this project is to design an interactive system that deliver information to the student by providing the develop the mobile application that speciffully give info activities held in college. Furthermore, this system was test an interactive information system functional, reliables and usables for college student. For this project, the agile method was apply because this method was usually been use by any other company to develop the system. For examples, planning, analysis, design, implementation, testing and maintenance was used in developing the system. This project was build a mobile application. The testing process was done frequently and repeated by check for error, bug and interoperability before the application is published or made public. An interfaces, code writing, compile and testing was done develop using Java language. The data from this application was store using Firebase database.

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CHAPTER 1

INTRODUCTION

This chapter provides the background and rationale of the study. It also provides details on the importance of information through mobile applications, issues and problems that led to this research.

1.1 Background of Study

The history of UiTM dates back to 1956 with the establishment of the Dewan Latehan RIDA. Subsequently, the Director Board of RIDA was renamed the Maktab MARA in June 1965. On 14 October 1967, the foundation stone for campus construction was laid by Y.A.B. Tun Abdul Razak and thus, the name of the Maktab MARA was officially changed to the Institut Teknologi MARA (ITM). On 26 August 1999, the Honorable Prime Minister of Malaysia at that time, Dato 'Seri Dr. Mahathir Mohamad has announced the transfer of the ITM to Universiti Teknologi MARA (UiTM) (UiTM Shah Alam, 2016).

Subsequently, many faculties and public facilities were built such as banks, libraries, bus services and roads for the convenience of students, staff and lecturers. Also, a residential college was built for students to stay on campus. Among the residential colleges that have been built are Kolej Teratai, Kolej Perindu, Kolej Meranti, and Kolej Delima for boys student while Kolej Mawar, Kolej Melati, Kolej Seroja, and Kolej Anggerik for girls student.

In addition, students who have succeeded in staying in college will have to attend some compulsory college activities to collect coupons to enable students to stay in college for each semester until they finish their studies. Among the compulsory activities of the college is the mandate of the college principal. If a student is unable to attend, automatically the percentage of staying in college for the next