

ZAILIN MOHD ASRI

BACHELOR OF SURVEYING SCIENCEI AND GEOMATICS (HONOURS) AUGUST 2023

GEO I -STORE: THE ENHANCEMENT OF INSTRUMENT APPS FOR  
GEOMATICS STUDENTS

ZAILIN BINTI MOHD ASRI

2019468468



COLLEGE OF BUILT ENVIRONMENT  
UNIVERSITI TEKNOLOGI MARA  
PERLIS

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## AUTHOR'S DECLARATION

I declare that the work in this thesis 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.

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Name of Student : Zailin binti Mohd Asri

Student I.D. No. : 2019468468

Programme : Bachelors in Surveying Science and Geomatics –  
AP220

Faculty : College of Built Environment, CBE

Thesis Title : Geo I -Store: The Enhancement of Instrument Apps  
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Signature of Student : .....

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## **ABSTRACT**

Mobile development continues to be a highly demanding field due to the increasing reliance on smartphones and mobile applications in our daily lives. Meanwhile, most the features of the mobile application develop currently are not focused on the geomatics elements. Thus, this study is aimed to enhance the Geo I -Store application to be more efficient and user friendly to students for College of Built Environment in UiTM Perlis branch. In order to accomplish this goal, there are three specific objectives. The initial objective is to determine the strength and weakness of the application. The second objective to produce additional function to improvise the application. Lastly, the third objective is to evaluate the satisfactory of the application among staff and student. Therefore, planning and analysis of the methodology needs to be improved followed by the second phase which is data collection and designing the new features. Thus the result shows that it is proven that the demand of the research is increasing on our geomatics perspective. With this application it can make students ease to borrowing or returning equipment at storeroom.

Keywords: mobile application, enhancement, instrument management, evaluation, reservation application

# TABLE OF CONTENTS

	<b>Page</b>
<b>CONFIRMATION BY PANEL OF EXAMINERS</b>	<b>ii</b>
<b>AUTHOR’S DECLARATION</b>	<b>iii</b>
<b>ABSTRACT</b>	<b>iv</b>
<b>ACKNOWLEDGEMENT</b>	<b>v</b>
<b>TABLE OF CONTENTS</b>	<b>vi</b>
<b>LIST OF TABLES</b>	<b>viii</b>
<b>LIST OF FIGURES</b>	<b>ix</b>
<b>LIST OF ABBREVIATIONS</b>	<b>xi</b>
<b>CHAPTER ONE INTRODUCTION</b>	<b>1</b>
1.1 Research Background	1
1.2 Problem Statement	2
1.3 Aim of the study	3
1.4 Research Objectives	3
1.5 Research Question	3
1.6 Significance of Study	3
<b>CHAPTER TWO LITERATURE REVIEW</b>	<b>4</b>
2.1 Introduction	4
2.2 Mobile Development	4
2.2.1 Issues in Developing Mobile Application	4
2.2.2 Asset Management	6
2.2.3 Booking and Reservation System Application	6
2.3 Project Life Cycle	8
2.4 Weakness of Manual Booking	9
<b>CHAPTER THREE RESEARCH METHODOLOGY</b>	<b>10</b>
3.1 Introduction	10
3.2 Software Development Algorithm	10