

**Mara University of Technology**

**Barcode Implementation for Staff and  
Student Tracing**

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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 practices of the discipline

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# TABLE OF CONTENT

<b>ACKNOWLEDGEMENTS</b>	<b>iv</b>
<b>TABLE OF CONTENT</b>	<b>v</b>
<b>LIST OF TABLES</b>	<b>ix</b>
<b>LIST OF FIGURES</b>	<b>x</b>
<b>LIST OF ABBREVIATION</b>	<b>xi</b>
<b>ABSTRACT</b>	<b>xii</b>
<b>CHAPTER</b>	
<b>1 INTRODUCTION</b>	<b>1</b>
1.1 Introduction	1
1.2 Problem Description	1
1.3 Problem Significance	2
1.4 Project's Aim	2
1.5 Project's Objectives	2
1.6 Project Scope	3
1.7 Project's Benefits	3
<b>2 LITERATURE REVIEW</b>	<b>4</b>
2.1 Introduction	4
2.2 Prototypes	4
2.3 Prototyping Process Models	5
2.4 Evolutionary Software Development Approach	6
2.5 Web-Based Development Efforts Changing Development Model Requirements	9
2.6 Barcode	10
2.7 Benefits of Bar-coding	11

## **ABSTRACT**

A web based Barcode Implementation for Staff and Student Tracing (BISST) prototype using PHP language, MySQL as database and apache as a server. This prototype seemed as tracing system. The purpose of this system is to provide a web based system that is capable to trace the location of lecturers and students in what class at Faculty of Information Technology and Quantitative Sciences (FITQS). The other purpose is provided a manageable attendance report for student and lecturer at FITQS in reporting manner. Prototyping is selected as the methodology in order to develop a prototype of BISST.