

Mobile Base Language Learner

M.Sc. in Information Technology

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**The project is carried out at the University of Moratuwa and this
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DECLARATION

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ABSTRACT

With the increasing popularity of the Internet, people worldwide want to access the Internet from anywhere at anytime. People no longer want to restrict themselves to accessing the World Wide Web from their personal computers. Instead, they want to access the Internet from any mobile device, such as Pocket PC handhelds, mobile phones, and so on. To make this possible, software developers are developing applications that can be accessed from mobile devices those are called mobile applications.

The objective of this project is to develop a system to learn foreign languages using mobile technology. This Wireless Application Protocol (WAP) enabled dynamic site named “Mobile based Language Learner” also called hereafter as MLL will provide unique features to mobile subscribers namely navigation through lessons and download lesson files and listen and functionality of dictionary.

MLL have registration process if a new user navigates the system. This can be done through admin of the system (on a request). System contains selection of languages and selection of level which subscriber can choose upon his or her knowledge. Lessons are formed in such a way that subscribers can easily understand start to end. There is an option to download the sound file of that lesson and subscriber can listen.

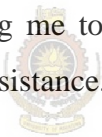
The administration of the system is done by using another web application and it includes user registration, upload data to the database and view reports ect.

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DEFINITIONS, ACRONYMS, AND ABBREVIATIONS

<u>Abbreviation</u>	<u>Description</u>
WAP	Wireless Application Protocol
GPRS	Global Packet Radio Service
RAM	Random Access Memory
SQL	Structured Query Language
UML	Unified Modeling Language
RDBMS	Relational Database Management System
OOAD	Object Oriented Analysis & Design
WML	Wireless Mark-up Language
HTML	Hyper Text Mark-up Language
ER	Entity Relationship
HCI	Human Computer Interaction



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