

Final Year Project Report

“UMT LMS Android Application”



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Dedication

We're dedicating this project to our University who provided us with the proper platform to move ahead from the start till the end of the project. Last but not least, we would like to dedicate this project to our advisor *Miss Fasiha Ashraf*, team members, seniors and all students and faculty members of UMT. Thank you for your support.

Final Approval

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Acknowledgment

At First, I would like to thank Allah Almighty for helping us throughout the duration of the project, given us the strength to cover up all the issues and provided us the most helpful people who guided us and helped us during this period.

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Last but not least, we are also thankful to our parents, acquaintances, other professors and friends who also helped us in this project either directly or indirectly.

Thank you so much everyone to be with us; to believe in us.

Project Title	UMT LMS Android Application
Objective	To make the access of UMT Learning Management System a.k.a. Moodle easy for every Student as well as teacher of UMT so that they can remain connected with it using their Smartphones
Undertaken by	Haseeb Zahid, M. Usama Khan, M. Moez Ahmad
Supervised by	Fasiha Ashraf
Starting Date	September 22, 2016
Completion Date	August 10, 2017
Tools used	Android Studio, Xampp
Operating System	For Development: Windows 7, 8.1, 10 For Testing: Android Smartphones
Documentation	MS Office 2016

Abstract

UMT LMS Android Application is substitute to the web based UMT LMS that deals with the major problem of the student body including the unfamiliarity of the content uploaded on daily basis. This application will help them to get notified through the notifications whenever any kind of content is uploaded whether it is any news, any content including files and documents or anything. This will help them to stay in touch and with this ease to getting in touch with the LMS, they can focus and manage their time with respect to the studies. Moreover they will also be able to submit their tasks in time with the help of their android phones. It's because of this application that their major time that they used to download a content from laptop by entering a url to the web site and then transferring it to their phones will be saved. All they need is to open their cell and this app and download the desired content.

CONTENTS

CONTENTS	7
DEFINITIONS AND ACRONYMS.....	10
LIST OF FIGURES.....	11
LIST OF TABLES.....	12
1. INTRODUCTION	13
1.1 MOTIVATIONS.....	13
1.2 PROJECT OVERVIEW.....	13
1.3 PROBLEM STATEMENT.....	13
1.4 OBJECTIVES.....	13
2. DOMAIN ANALYSIS	14
2.1 CUSTOMER.....	14
2.2 STAKEHOLDERS.....	14
2.3 AFFECTED GROUPS WITH SOCIAL OR ECONOMIC IMPACT.....	14
2.4 DEPENDENCIES/ EXTERNAL SYSTEMS.....	15
2.5 REFERENCE DOCUMENTS.....	15
2.5.1 <i>Related Projects</i>	15
2.5.2 <i>Feature Comparison</i>	16
3. REQUIREMENTS ANALYSIS	ERROR! BOOKMARK NOT DEFINED.7
3.1 REQUIREMENTS.....	ERROR! BOOKMARK NOT DEFINED.7
3.2 LIST OF ACTORS.....	ERROR! BOOKMARK NOT DEFINED.8
3.3 LIST OF USE CASES.....	ERROR! BOOKMARK NOT DEFINED.9
3.4 SYSTEM USE CASE DIAGRAM.....	ERROR! BOOKMARK NOT DEFINED.9
3.5 EXTENDED USE CASES.....	20
3.6 USER INTERFACES (MOCK SCREENS).....	29
4. SYSTEM DESIGN	34
4.1 SYSTEM ARCHITECTURE DIAGRAM.....	34
4.2 CLASS DIAGRAM.....	34
4.3 COLLABORATION DIAGRAMS.....	36
4.4 ERD.....	36
4.5 DATA DICTIONARY.....	37
5. IMPLEMENTATION DETAILS	38
5.1 DEVELOPMENT SETUP.....	38
5.2 DEPLOYMENT SETUP.....	38
5.3 ALGORITHMS.....	39
5.4 CONSTRAINTS.....	43
5.4.1 <i>Assumptions</i>	43
5.4.2 <i>System constraints</i>	43
5.4.3 <i>Restrictions</i>	44
5.4.4 <i>Limitations</i>	44
6. TESTING	45
6.1 EXTENDED TEST CASES.....	45
6.2 DECISION TABLE.....	61
6.2.2 <i>Decision coverage table</i>	68

6.3	TRACEABILITY MATRIX	68
6.3.1	RID vs UCID (requirements vs use cases)	69
6.3.2	Prototypes (RID vs PID).....	62
6.3.3	Test Cases (RID vs TID)	68
6.3.4	Coverage (UCID vs TID)	69
7.	RESULTS/OUTPUT/STATISTICS.....	70
7.1	%COMPLETION	70
7.2	%ACCURACY.....	70
7.3	%CORRECTNESS	70
8.	CONCLUSION.....	71
9.	FUTURE WORK	72
10.	APPENDIX	73
10.1	PRE-REQUISITES.....	73

Definitions and Acronyms

e.g.

Acronym	Definition
UMT	University of Management and Technology
POS	Point of Sale
a.k.a	Also known as

Table 1: table of acronyms and definitions

List of Figures

Table 1: table of acronyms and definitions	9
Table 2: list of stakeholders.....	Error! Bookmark not defined.
Figure 1: sample use case diagram with explanation	Error! Bookmark not defined.
prototype 1: (P1) register a new member	Error! Bookmark not defined.
Figure 2: System Architecture.....	Error! Bookmark not defined.

List of Tables

Table 1: table of acronyms and definitions	9
Table 2: list of stakeholders.....	Error! Bookmark not defined.

1. INTRODUCTION

1.1 Motivations

Today, Online Learning Management Systems and Multimedia Learning have gained the fame all over the world where different institutes are providing different courses so that anyone enrolled can access them anytime from anywhere and improve their learning. These institutes have also been providing different services in terms of applications that are desktop based applications, web-based applications or mobile based applications. And in Pakistan, the average percentage of users accessing Moodle is 90.7% whereas the access rate of using lms.umt.edu.pk is about 48.31%. So, basically this percentage of accessing LMS in Pakistan motivated us a lot that we decided to make an Android based application that will be going to ease the users to access the LMS more easily using their smartphones and without the confused struggle of logging in every time.

1.2 Project Overview

‘UMT LMS’ is basically an Android based application using the web services of Online LMS portal of UMT to provide the users with all the relevant course material that they access with a PC using their web browsers. It is a handy application because there is no need to specifically access the website; rather, all they have to do is to login to the application. Their identifications will be saved and all the activities and notifications will be displayed on their smartphones by internet.