

Final Year Project Report

Gym management System



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Session

2012-2016

University of Management and Technology

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Dedication

“We dedicate this project to our Ancestors, guardian parents, teachers and specially Mam Tayyba Anjum to make this project happen”

Final Approval

Panel of Examiners

- **Head of Department**
Department of Computer Science
UMT Lahore _____

- **Program Director (Final Year Projects)**
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- **Supervisor**
Department of Computer Science
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- **Co-Supervisor** _____

Acknowledgment

We would like to thank all the staff members of SST, our fellows who helped us in this project regarding some issue and Specially our advisor Miss Tayyaba Anjum who gave us immense motivation to accomplish this goal.

Project Title	GMS (Gym management system)
Objective	Our main Objective is to provide anOnline ERP GYM mannagement solution
Undertaken by	Mam, Tayyba Anjum
Supervised by	Mam, Tayyba Anjum
Starting Date	oct-10- 2016
Completion Date	mar- 6- 2017
Tools Used	visual studio, SQL server
Operating System	Windows 10
Documentation	GMS (Gym management system)

Abstract

We proposed this solution to give an easy hand to GYM author who are fed up with those Desktop Application with limited features. We have summed up everything in just one Application. Where one can manage his accounts, HR, Members, Fee and much more.

A full fledge system is available to do all those works you want to run a GYM in extremely cheap rates, with full service support.

And the best part is, everything would be online accessible, now you just need an internet connection and application will do rest of the stuff for you.

REVISION CHART

Version	Primary Author(s)	Description of Version	Date Completed
<i>Draft</i>	Bilal, Usman	project idea discuss with sir Muhammad nabeel	Oct-20-2016
<i>Preliminary</i>	Bilal ,Usman	After approval, WBS, work portion	nov-15-2016
<i>Final</i>	Zeeshan	All necessary diagrams, use cases , test cases	dec-10-2016
<i>Revision 1</i>	Zeeshan	Prototypes and basic structure	dec-25-2016
<i>Revision 2</i>	Zeeshan	Complete prototypes and schema	jan-5-2017

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Definitions and Acronyms

Acronym	Definition
UMT	University of Management and Technology
GMS	Gym management system

1. TRODUCTION

1.1 Motivations

Why to spend money on desktop when whole world is on http protocol, quite professional. ok. Let me explain in simple words. We visited lots of gym take short and long interviews with their owners. Mainly the problem that caught our vision is that, they use desktop application, and it cost them a lot. Development cost along with daily maintenance cost. If there is a problem in their system, again they had to get time from developer, to come and fix that particular problem. Two of them tell us about data loss issue as well. Most of them argued about the price of the software. They can't afford. So we think about the solution of all these problem. And the answer was simple, and that is, to give such an online multitenant system which full not only basic requirement regarding to GYM business. But also future enhancements, just on one click. No Heavy system needed, no expense of Installations. Just you need an internet connection, and application will be ready for you. We target every kind of client, client's with small setup, client's with heavy setup. This product will fulfill need of every individual in such an affordable price. We tried to make this web application more like desktop, so no page refresh. State less single page application, with amazing response speed.