

Final Year Project Report
Height school system



Project Advisor:

Arifah Azhar

Submitted By:

Jamshaid Afzal 13004065012

Adil Ali 13004065002

Rana Mehroz Ali 13004065014

Session

2013-2017

University of Management and Technology
C-II Johar Town Lahore Pakistan

Dedication

We dedicate this project to our client **Rizwan Mumtaz** - CEO of THE Height School system who provided us with this opportunity to design our final year project for his school chain and entrusted us to complete this project in due time and designated budget.

Final Approval

Panel of Examiners

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

- **Program Director (Final Year Projects)**
Department of Computer Science
UMT Lahore _____

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

- **Co-Supervisor** _____

Acknowledgment

“Success is no accident. It is hard work, perseverance, learning, studying, sacrifice and most of all, love of what you are doing or learning to do”. –Pele

This project was never possible without the hard work of our team. Each member contributed to full extent to make this project a possibility and a success ultimately.

A special thanks **Ma’am Arifah Azhar**, our project advisor and **Dr Shahid Mahmood Awan**, co-advisor who supported, guided, shared their knowledge and helped us where we needed. Without their valuable input this project wasn’t possible.

We are also grateful to our department COD and Project directors who provided us access to the university lab and resources so that we could accomplish our project in time and effectively.

Project Title:

The Height School System.

Objective:

The purpose of developing this project is to overcome the communication gap between parents , teachers and students.

Undertaken by :

Jamshaid Afzal

Adil Ali

Rana Mehroz Ali

Supervised by:

Ma'am Arifah Azhar

Starting Date:

3rd march 2016

Completion Date:

20 January 2017

Tools Used:

- HTML
- CSS
- JavaScript
- PHP
- My SQL server
- AJEX
- JQUERY

Operating System:

Microsoft Windows

Documentation:

Provided in subsequent chapters

Abstract

A systematic and organized solution for schools for better management of academic administration throughout their various departments. Relevant departments have information regarding each student which needs to be recorded, maintained and tracked when necessary. All modules in the system are connected for easy data access based on user roles. From admission to enrollment in the class, assigning teachers based on subjects, generating report cards, managing fees to a specific portal for parents to view their kid's progress reports, attendance, notifications, communication and course materials.

Our solution is designed to reduce complexity of managing data. The interface is designed to be user friendly so that a non-technical person can easily add and maintain relevant records. The solution is web based platform created using WordPress and can be installed and uninstalled with just a few clicks. Not only it is multi browser compatible, it also works on mobile device being responsive in nature. Admin has the permission to add/edit/delete any account for the student, teacher and parents. We have included a messaging module which allows the parents and teachers to communicate actively for the betterment of the child.

In short, the designed solution will save a lot of time and money in expenses on school's end and will keep everybody informed without any hassle.

REVISION CHART

Version	Primary Author(s)	Description of Version	Date Completed
Draft	Adil, Mehroz,Jamshaid	Checked and suggestions for improvements. Corrections of mistakes	25 march- 5may
Preliminary	Adil Ali	Its pre final draft, checked and resolved mistakes. Suggestions for improvements	20 may
Final Phase 1	Adil Ali	First complete documentation	20 June
Revision 1.1	Adil Ali	Revised according to suggestions.	5 June
Revision 1.2	Adil Ali	Revised according to suggestions	10 June
Revision 1.3	Adil Ali	Revised according to suggestion	6 September
Revision 1.4	Adil Ali	Revised according to new format	11 Jan
Revision 1.5	Adil, Mehroz,Jamshaid	Revised according to new format	28 Jan
Revision 1.6	Adil, Mehroz,Jamshaid	Revised according to new format	23 Feb
Revision 2.1	Adil, Mehroz,Jamshaid	Prototypes	Mach
Revision 2.2	Adil, Mehroz,Jamshaid	Revised According to Suggestions	March
Revision 2.3	Adil, Mehroz,Jamshaid	Start working on Phase 2	8 May
Revision 2.4	Adil, Mehroz,Jamshaid	Revised According to Suggestions	August
Revision 2.5	Adil, Mehroz,Jamshaid	Revised According to Suggestions	September
Revision 2.6	Adil, Mehroz,Jamshaid	Revised According to Suggestions	November
Revision 2.7	Adil, Mehroz,Jamshaid	Revised According to Suggestions	December
Revision 2.8	Adil, Mehroz,Jamshaid	Revised According to Suggestions	28 January
Final Phase 2	Adil, Mehroz,Jamshaid	Revised According to Suggestions	15 Feb

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Definitions and Acronyms

Acronym	Definition
UCID	Use case ID
PID	Prototype ID
TID	Test case ID
RID	Requirement ID
DCT	Decision Coverage Table
ERD	Entity Relation Diagram
API	Application Programming interface
CRM	Content Resource Management
CRUD	Create-Read-Update-Delete
TM	Traceability Matrix

Table 2 Definitions and Acronyms

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1. INTRODUCTION

The aim of this project is to create a cyber-relationship between parents, teachers and students. By creating separate views, it will focus on minimizing the communication gap between all the categories. Teacher can interact with the respective parent of the students and vice versa, also students will be updated regularly with their school progress and their daily time routine by using the system.