

# Final Year Project Report

## My schedule



### Project Advisors

**Ma'am Sadia Khalid**

**Ma'am Tanzeela Shakeel**

<b>Iqra Khan</b>	<b>13004065057</b>
<b>Tajwer Khan</b>	<b>13004065045</b>
<b>Muhammad Salman Butt</b>	<b>13004065058</b>
<b>Hafiz Abdul Rehman Fayyaz</b>	<b>13004065034</b>

**University of Management and Technology**

**C-2Johar Town Lahore Pakistan**

## **Dedication**

We love to dedicate this project to Almighty Allah our creator, our strong pillar, our source of inspiration, wisdom and knowledge. He has been the source of strength throughout this project and on His wings only we have soared. We also dedicate this work to our family and friends who have encouraged us all the way and their encouragement has made sure that we give it all it takes to finish the work that we have started. They never left our side and helped us to get through the thick and thin of life.

# 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**

First of all, we would like to thank all mighty Allah (SWT) who gave us the strength and ability to accomplish our goal. We would like to express our deepest appreciation to all those who provided us the possibility to complete this report. A special gratitude we give to our final year project advisors, Ma'am Sadia Khalid and Ma'am Tanzeela Shakeel whose contribution in stimulating suggestions and encouragement helped us to coordinate our project especially in writing this report.

Furthermore, we would like to acknowledge with much appreciation the crucial role of the staff of UMT, who gave the permission to use all required equipment and the necessary material to complete our application "My Schedule". Special thanks go to our team mates, who helped to assemble the parts and gave their 100% hard work in completing the project. Last but not the least, many thanks go to the program director, Dr. Sajid Mahmud who has invested his full effort in guiding the team for achieving the goal and for approving our report. We have to appreciate the guidance given by other supervisor as well as the panel especially in our project presentation that has improved our presentation skills thanks to their comments and advices.

**Project Title** : My Schedule

**Objective** : Our objective is to create an application for the ease of students and teachers in UMT .

**Undertaken by** : Ma'am Sadia Khalid

**Supervised by** : Ma'am Tanzeela Shakeel

**Starting Date** : August 2016

**Completion Date** : July 2017

**Tools Used** : Android Studio, EdrawMax

**Operating System** : Android

## **Abstract**

Many times, the timetable on the notice board are not authentic and because of this student miss their classes. Sometimes schedules are not timely available or the available ones are faulty which create a lot of problems for students and teachers both. The cause of this is that timetables are assembled manually. This becomes tedious when due to this problem students miss their classes and get short attendance.

The project proposes a way to automate all the manual work of timetable. At present all the timetable is stored in excel sheets in computer. That is why timetables are occasionally faulty.

For the solution of this problem we created an android application which will show the exact schedule of classes to students and to teachers. Our application 'My Schedule will maintain all the daily time table of classes including the section in which the student is registered, class timings, instructor name and class room name in which the class of the respective subject is being held. With the help of this application students will overcome the problem of missing and faulty schedules. Same it will help teachers to view their classes and they will also be able to add or remove a makeup class and different events as well.

## REVISION CHART

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<b>Version</b>	<b>Primary Author(s)</b>	<b>Description of Version</b>	<b>Date Completed</b>
<b>Draft</b>	Iqra khan Tajwer khan Salman Butt Hafiz Abdul Rehman Fayyaz	Initial draft created for distribution and review comments	29-Nov-2016
<b>Preliminary</b>	Iqra khan Tajwer khan Salman Butt Hafiz Abdul Rehman Fayyaz	Second draft incorporating initial review comments, distributed for final review	6-Jan-2017
<b>Final</b>	Iqra khan Tajwer khan Salman Butt Hafiz Abdul Rehman Fayyaz	First complete draft, which is placed under change control	14-Apr-2017
<b>Revision 1</b>	Iqra khan Tajwer khan Salman Butt Hafiz Abdul Rehman Fayyaz	Revised draft, revised according to the change control process and maintained under change control	5-May-2017
<b>Revision 2</b>	Iqra khan Tajwer khan Salman Butt Hafiz Abdul Rehman Fayyaz	Revised draft, revised according to the change control process and maintained under change control	17-July-2017

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## Definitions and Acronyms

Acronym	Definition
UMT	University of Management and Technology
SQL	Structured query language
ANSI	American National Standards Institute
RDBMS	Relational database management system
PVRs	Personal video recorder
PC	Personal computer
ASP	Application service provider
XML	Extensible Markup Language

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# 1. INTRODUCTION

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## 1.1 Motivations

Toward the beginning of our degree we faced some problems of getting authentic class schedules timely. On notice board manually compiled schedules were available sometimes and sometimes not. Being computer software students, we took this as a challenge that we should create a solution to this problem and should build an android application which will help students to check their daily schedules and also, they will be able to check any other events. This will ultimately save their time and authentic schedules will be available for them. Android phones are very common now a day almost every student is familiar with android applications so this application will be very useful for them.