



A UNIVERSITY MANAGEMENT SYSTEM

Mid-tem Innovative Project
Software Engineering (MC310)

Submitted By:

**Aiman Siddiqua
Amogh Dhar Diwan**

**2K18/MC/008
2K18/MC/012**



ABOUT THE PROJECT

The following technology stacks are used:

- ❑ Java
- ❑ Java Swing (GUI)
- ❑ SQL (Backend)

This project deals with management of Student and Teacher details in a university.

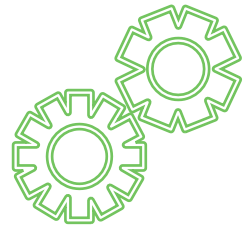
It handles the following functions:

- Registration
- Attendance Details
- Examination Details
- Fee Structure and Payment
- Other Utilities



NOVELTY

- The entire University Management System (UMS) is specific for a DTU ERP System. This includes the fee structure and the courses.
- All result features were modeled on the basis of own 3rd year subjects.
- The entire Attendance Feature was planned and implemented by us.
- The UMS includes a feature that can open your Browser, Calculator and Notepad.



SCREENSHOTS FROM THE PROJECT

Master

- + New Faculty Ctrl-D
- + New Student Admission Ctrl-M

Details

- Student Details Ctrl-P
- Teacher Details Ctrl-B

Attendance

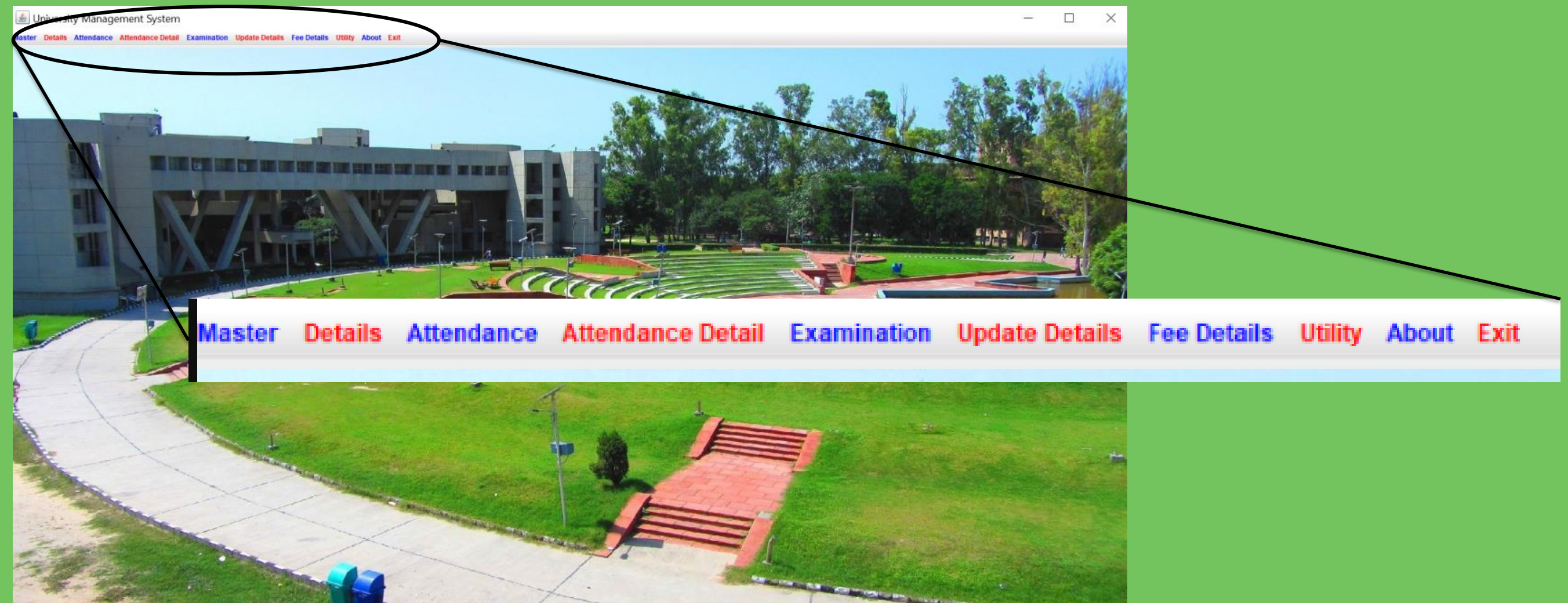
- Student Attendance Ctrl-P

Attendance Detail

- Student Attendance Detail Ctrl-P

Examination

- Examination Details Ctrl-P
- Enter Marks Ctrl-B



Update Details

- Update Students Ctrl-R
- Update Teachers Ctrl-R

Fee Details

- Fee Structure Ctrl-R
- Student Fee Form Ctrl-R

Utility

- Notepad Ctrl-C
- Calculator Ctrl-X
- Web Browser Ctrl-W

About

- About Us Ctrl-C

THE MAIN SCREEN
All Features offered by the UMS



LOGIN SCREEN

STUDENT REGISTRATION

TEACHER REGISTRATION

UPDATE ATTENDANCE

STUDENT DETAILS

STUDENT FEE PAYMENT

Update Student details

Update Student Details:

Enter roll number to update the data of student

2K18/MC/008

Update

Name

Aiman Siddiqua

Father's Name

Nematullah

Age

20

DOB (dd/mm/yyyy)

11/05/2000

Address

kidwai nagar east

Phone

9718695742

Email Id

iqua.aiman00@gmail.com

Class X(%)

95

Class XII(%)

96.8

Aadhar No

383692628732

Roll No

2K18/MC/008

Course

B.Tech (FT)

Branch

MC

Jee Mains Rank

14256

Submit

Cancel

UPDATE STUDENT DETAILS

FEATURES

FEE STRUCTURE

Course	B.Tech (FT)	B.Tech (LE)	B.Tech Evening	B.Des	BBA	M.Tech (FT)	MBA
AY 19-20	Rs 166000	Rs 166000	Rs 130500	Rs 166000	Rs 82000	Rs 166000	Rs 166000
AY 20-21	Rs 190000	Rs 190000	Rs 140000	Rs 190000	Rs 90000	Rs 166000	Rs 190000
AY 21-22	Rs 206000	Rs 206000	Rs 148500	Rs 206000	Rs 93500		
AY 22-23	Rs 219000		Rs 150000	Rs 219000			

FEE STRUCTURE

About Us - Delhi Technological University

DtuOversight

Developed By:

Aiman Siddiqua
2K18/MC/008

Amogh Dhar Diwan
2K18/MC/012

Project - Software Engineering (MC-310)

ABOUT US

RESULT

Roll No.- 2K18/MC/019

SUBJECT	GRADE POINT
DCC-1	10
DCC-2	9
GEC-1	9
GEC-2	8
OEC	10
HMC	9
SGPA - 9.14	

SHOW RESULT

CHECK RESULT

Back

2K18/MC/019

Result

name	rollno	course	branch
Aditi Jain	2K18/MC/005	B.Tech (FT)	MC
Apoorva	2K18/MC/019	B.Tech (FT)	MC
Akshat Jain	2K18/MC/010	B.Tech (FT)	MC
Aiman Siddiqua	2K18/MC/008	B.Tech (FT)	MC

CHECK RESULT

Update marks

Enter Roll Number

2K18/MC/019

Subject

Grade Point

DCC-1

10

DCC-2

9

GEC-1

9

GEC-2

8

OEC

10

HMC

9

Submit

Message

Marks Inserted Successfully

OK

UPDATE RESULT

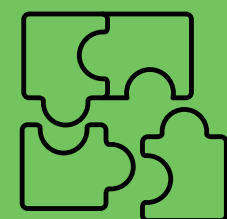

```
mysql> use ums;
Database changed
mysql> show tables;
+-----+
| Tables_in_ums |
+-----+
| attendance    |
| fee           |
| login         |
| marks         |
| student       |
| teacher       |
+-----+
6 rows in set (0.01 sec)

mysql> _
```

**ALL TABLES USED IN
THE PROJECT**

```
mysql> show columns from marks;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| rollno | varchar(15)   | NO   | PRI | NULL    |       |
| marks1 | varchar(20)   | YES  |     | NULL    |       |
| marks2 | varchar(20)   | YES  |     | NULL    |       |
| marks3 | varchar(20)   | YES  |     | NULL    |       |
| marks4 | varchar(20)   | YES  |     | NULL    |       |
| marks5 | varchar(20)   | YES  |     | NULL    |       |
| marks6 | varchar(20)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

**ALL COLUMNS IN MARKS TABLE
(EXAMPLE OF A TABLE IN BACKEND)**



BACKEND (SQL)