

University of Engineering and Technology, Lahore



University Admission Management System

Let's start developing University Management System.

We will complete this university management system project gradually, we will code the project week wise. We have divided the project into small parts and at the end we will combine these small parts to make complete working business application.

Requirements of UMS

Our System requirements

- 1. System User should be able to add new Student in to the system
- 2. System User should be able to view all students records
- 3. Records should be displayable in merit order
- 4. System should have option to generate the merit list.
- 5. System should have option for seat management.
- 6. Seats can be increase under program
- 7. System user can be able to add new program with student's capacity.

In this week we will try to complete some parts of UMS.

High Fidelity Wireframes

Wireframes are simple block diagrams that show the placement of elements in a user interface and demonstrate the intended layout and functionality of a solution





University of Engineering and Technology, Lahore

Menu

ADD Student





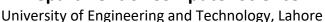
University of Engineering and Technology, Lahore

View All Students

```
п
                                           C:\Users\Laeeq-Khan\Desktop\output.exe
Main Menu > Show All Students
                                                          Merit
83.6039
80.7413
79.5152
75.9026
74.0963
76.04
81.5773
78.5397
81.7652
                            FYear
450
430
430
410
              Matric
1020
                                           eCat
300
290
280
260
250
278
235
310
                                                                                       2nd
SE
IT
IT
IT
CE
CE
CE
                                                                                                     3rd
IT
SE
SE
CS
CS
EE
EE
Name
Bilal
              1020
1000
980
960
950
940
987
                                                                        CS CS SE SE CS CS
Umer
Hassan
Zubair
Akbar
Jabar
                             400
390
455
457
Ali
Nasir
Sadia
              980
                             \overline{430}
Press any Key to Continue..
```

Print the record in merit order







Generate Merit List

Program Seat Management

Seat Management Menu





University of Engineering and Technology, Lahore

View All Seats

Increase Capacity







Add New Program Seats

```
C:\Users\Laeeq-Khan\Desktop\output.exe
Main Menu > Seat Management > Add New Program
Enter the Program Name
Enter the Number of Seats
```



University of Engineering and Technology, Lahore



Tasks for UMS

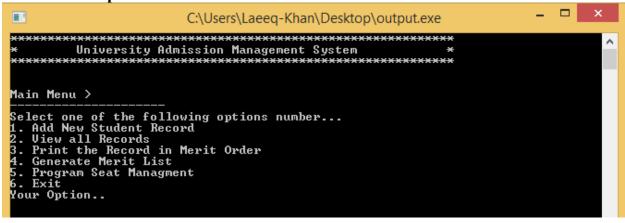
Task 1:

Develop the header of UMS

```
C:\Users\Laeeq-Khan\Desktop\output.exe
```

Task 2:

Make a menu options



Task 3:

If user chose option 1 it would ask the user to enter the student information student name, matric marks, FSc marks and ECAT marks and again display the menu.

Task 4:

If the user choose option 2 it display the student's information entered.

Task 5:

Write a code that calculate the user aggregate for ECAT and if the total aggregate is less than 50 program display you are not eligible for the admission.