FYP DATABASE

FINAL PROJECT

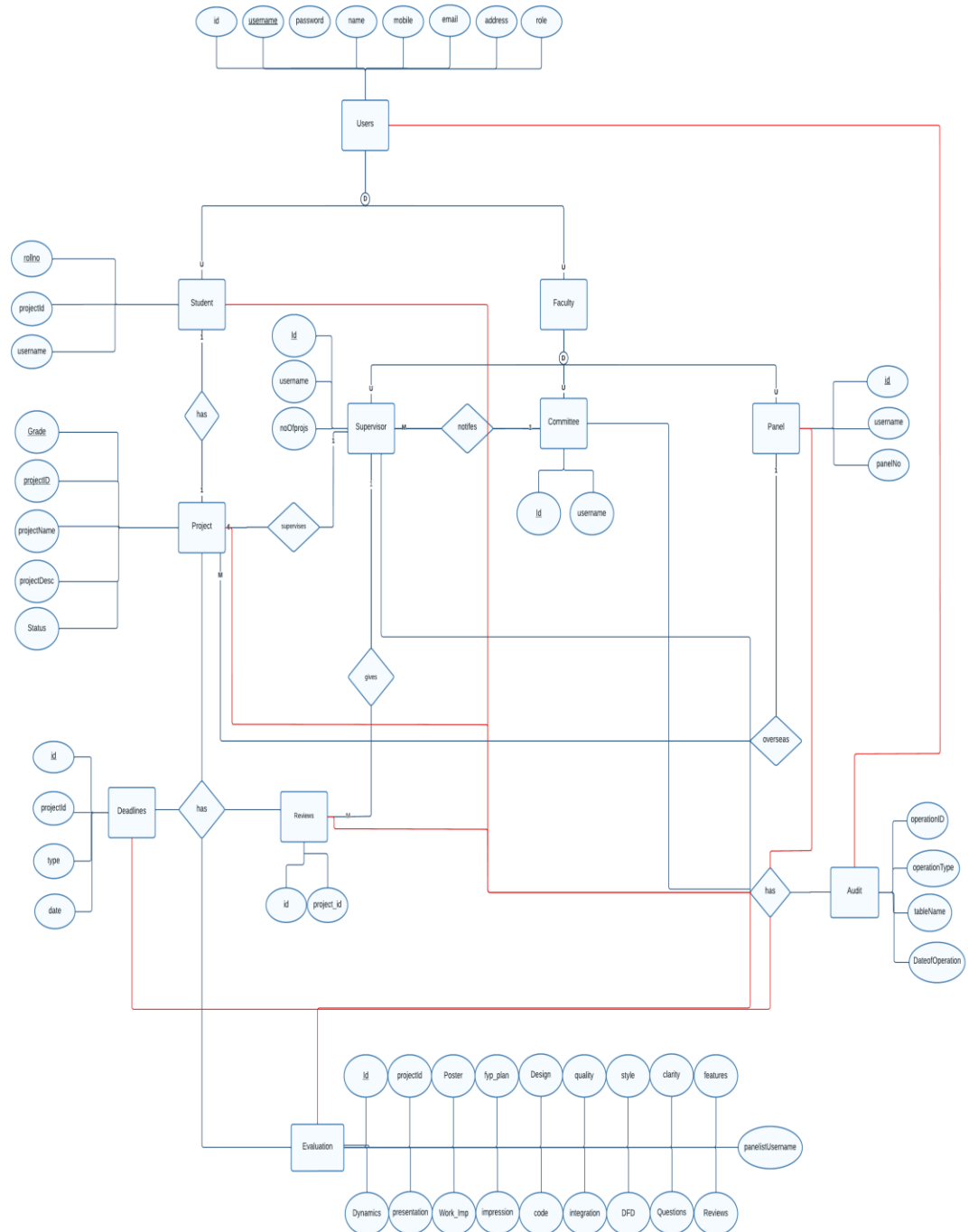## Team Members

Hamza Imran I20-0437

Mahnoor Akhtar I20-0635

Aina Zainab I20-0900

ERD DIAGRAM

Entities/Tables

1) Users
2) Students
3) Faculty
4) Supervisors
5) Committee
6) Panels
7) Project
8) Reviews
9) Deadlines
10)   Evaluation
11)   Audit

Users

The User table was made to control user management. It contains all the basic attributes every user has such as username, id, password, email, etc. This class table was further inherited by Students and Faculty class table. Our FYP Management Plan was implemented for mainly two roles i.e Students and Faculty. Faculty class had to be further divided into 3 main roles of Panel, Supervisor and Committee. As all 3 mentioned had to be from Faculty.

All of these had their own special roles in the FYP system.

Student

A student is a member of a Final Year Project. And each student has a project. They have a group of mainly 3 members who work on the same Project. They have to submit their FYPs in the given due deadline. Their grades and evaluations are maintained and recorded in the Projects and Evaluations table.

A project has its id, name, description, status and grade. It has to be evaluated and has deadlines and reviews/suggestions by a Supervisor. A project is directly related to Student because each Student has a project.

Group Members
1. Student 4
2. Student 6
3. Student 5

NA
FYP Grade

Panel Member
Urooj Ghani

Deadline
7/7/2022

Turn in

Committee

Committee had main task as an admin in our system as mentioned in the required pdf. It could add users, edit their information or delete and update the information of any registered users that could be from student or faculty tables. Our committee member itself has to be from faculty class and they can create project, create panel and assign panels to different created projects. A committee also notifies and sends information to the Supervisors who are supervising projects about the deadlines and missing reviews.

Welcome to FYP Management System

Login to continue

Username

Password

Login

Create Panel

Select Project
Robort Analysis

Select Panelist
urooj.ghani

Create Panel

DB Project © 2022 - 2022

Create Project

Project Name
Robort Analysis

Select Deadline
07/07/2022

Select Supervisor
hamza

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Fusce aliquet placerat ullamcorper. Ut vehicula nisl eu augue dictum, quis placerat erat vulputate. Duis quis elit aliquam, suscipit nisl ut, pretium ipsum. Quisque finibus pretium commodo. Sed imperdiet, velit sit amet ultricies varius, eros orci consectetur ex, quis malesuada magna tellus at mi. Mauris pulvinar metus id pretium ultrices. Duis mi lacus, placerat at tortor eget, convallis luctus eros. Aliquam in nunc turpis. Integer eget lorem id orci gravida euismod volutpat sollicitudin tortor. In varius quam maximus libero dapibus iaculis.

Donec cursus metus in lacinia interdum. Proin elit est, lacinia ac imperdiet a, pellentesque eu felis. Quisque hendrerit eget neque et pharetra. Integer semper rutrum metus. Mauris velit metus, venenatis eu malesuada non, mollis in nulla. Suspendisse ultricies rutrum massa eu bibendum. Mauris id suscipit ante.

std4

std5

std6

Create Project

Supervisors

Supervisors supervises projects. The limit of each project a supervisor can supervise is 6. They also have to give reviews on projects. A single project has only 1 supervisor allotted to it. They can check all the information about all the projects they are supervising, its evaluations, the group of students owning the project, the panel and its members assigned to the project. They can read all suggestions/ reviews of the project and can further give their own reviews as well.

Panel

Panel evaluates a project. In our system there is a group of 3 panelists from faculty class who make a panel and are assigned by the committee to oversee a project. They have to give reviews and suggestions about a project. They also have to evaluate the project in the given due deadline and grade the projects based on the grading scheme mentioned in the pdf. This was integrated in our Business logic and is applied to all FYPs.

Hi, Urooj Ghani

ALL FYPS(1)

Robort Analysis

Group Members

1. Student 4
2. Student 6
3. Student 5

Supervisor
hamza

Review

NA

FYP Grade

Not Turned In

Robort Analysis

Group Members

1. Student 4
2. Student 6
3. Student 5

Supervisor
hamza

Review

A+

FYP Grade

Reviewed

ALL FYPS(1)

Robort Analysis

Group Members

1. Student 4
2. Student 6
3. Student 5

Supervisor
hamza

Review

NA

FYP Grade

Review

Evaluations

Evaluations forms had its id, project id, panelists username and other marking and evaluation attributed mentioned in the pdf.

maps to the Code Implemented

	0	1	2	3	4	5	6	7	8	9	10	
Min	○	○	○	○	○	○	○	○	○	○	○	Max

15. Handling of Questions

	0	1	2	3	4	5	6	7	8	9	10	
Min	○	○	○	○	○	○	○	○	○	○	○	Max

Give Review/Suggestion

[Submit Evaluation]

Reports

Reports were generated by the Committee members about :

Missing Evaluation Report contains all the missing evaluations like missing assessment items of the students, missing student evaluation by any faculty member.

Generated Reports

Missing Reports

Submission		
ID	Panel Member	Panel No.
	No Data Available	

Evaluation		
ID	Panel Member	Panel No.
28103	Aina	31068
83582	Urooj Ghani	31582

FYPs Supervised by Faculty Report contains that which faculty member is supervising which FYPs and workload count.

FYPs Supervised by Faculty

ID	Supervisor Name	Project Name	Panel Number	Workload
73860	hamza	Cool Project	31068	(2/6)

Grades Report contains grades statistics of students who get A's grade, and other grades also, statistics of faculty member who gave the most A's grade.

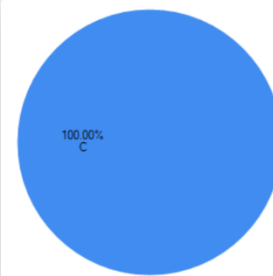## Panelist Given most A's

ID	Panelist Name	No. of A's Given
1	Urooj Ghani	1

Grades Percentage

50.00%
NA

50.00%
A+
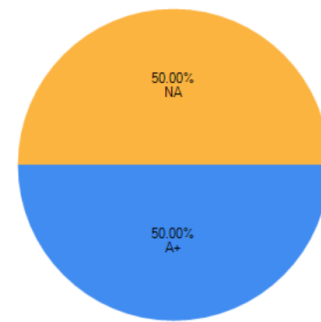
Panelist Given most A's

ID	Panelist Name	No. of A's Given
	No data available	

Grades Percentage

100.00%
C

Audit

Audit table keeps history of the operations which a particular role performs, a Student, any faculty member i.e Committee, Panel, Supervisor. Complete audit trail of all operations of insertion, updating, deleting is maintained here. Audit records provide information about the operation that was audited, the user performing the operation, and the date and time of the operations.

	operationID	operationType	tableName	DateofOperation
1	1	insert	Users	2022-06-04 18:50:15.510
2	2	insert	Committee	2022-06-04 18:50:15.523
3	3	insert	Users	2022-06-04 19:01:44.353
4	4	insert	Users	2022-06-04 19:02:49.720
5	5	insert	Student	2022-06-04 19:02:49.730
6	6	insert	Users	2022-06-04 19:03:15.737
7	7	insert	Student	2022-06-04 19:03:15.737
8	8	insert	Users	2022-06-04 19:03:40.327
9	9	insert	Student	2022-06-04 19:03:40.330
10	10	insert	Supervisor	2022-06-04 19:04:11.503
11	11	insert	Project	2022-06-04 19:04:11.513
12	12	insert	Deadlines	2022-06-04 19:04:11.520
13	13	update	Student	2022-06-04 19:04:11.530
14	14	update	Student	2022-06-04 19:04:11.530
15	15	update	Student	2022-06-04 19:04:11.530
16	16	insert	Users	2022-06-04 19:05:41.960
17	17	insert	Panel	2022-06-04 19:05:48.943
18	18	update	Project	2022-06-04 19:05:48.950