FINAL PROJECT PRESENTATION

ATHENA

CSE 4402: Visual Programming Lab

TEAM REINHARDT

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OUTLINE

OVERVIEW

- **Java based desktop application**

- **Integrates necessary tools for students and teachers**

- **A presentation of continuous academic progress**

- **Teacher-Student interactive platform**

- **Specialized for universities**

ATHENA

Features

Authentication for individuals

Academic Progress

Attendance Taking System

Result Processing System

Virtual Workspace

Notifications

Technology
Used

JavaFx

Java framework for maintaining the project.
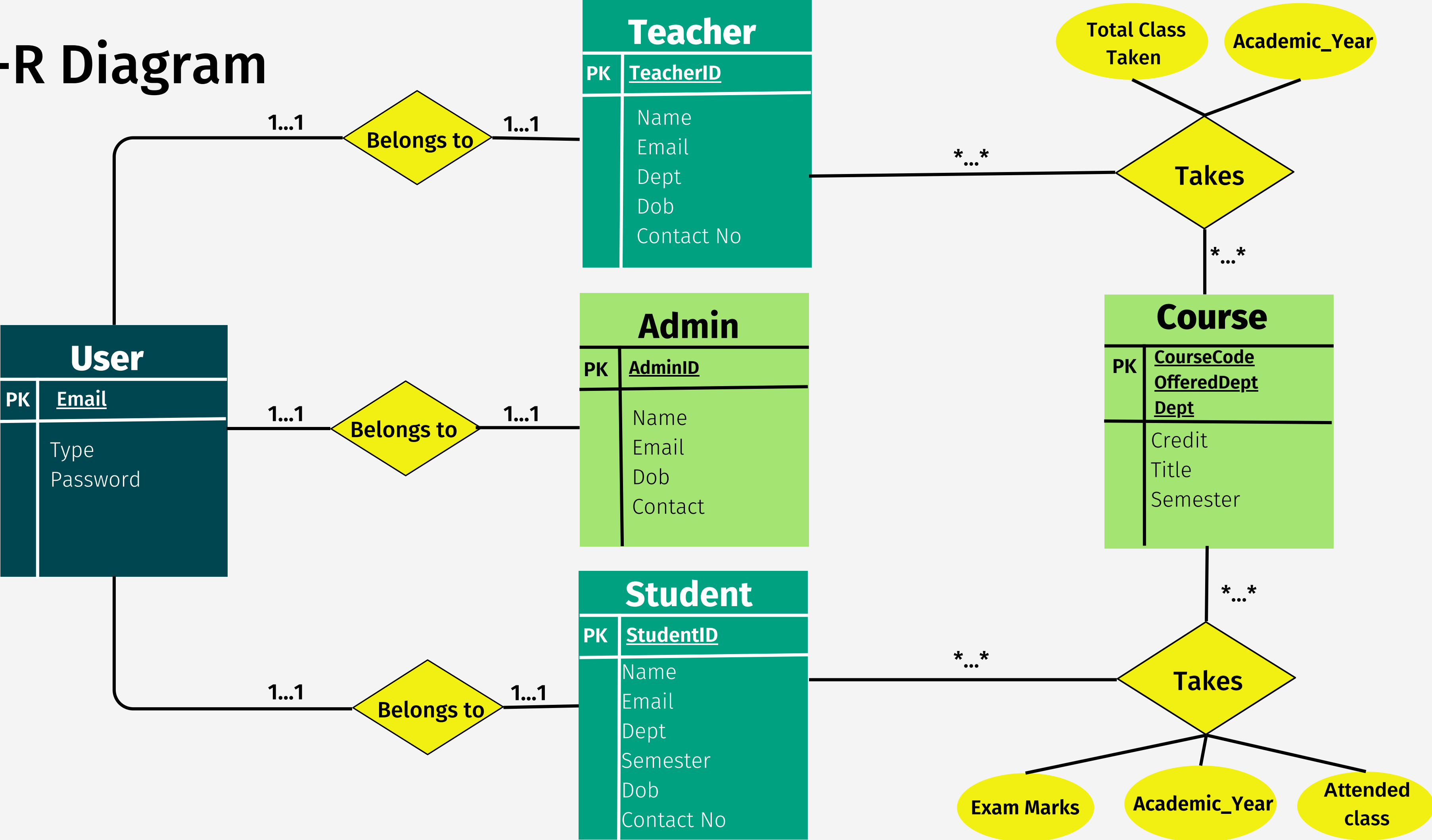
Scene Builder

Dropdown UI building tools

PostgreSQL
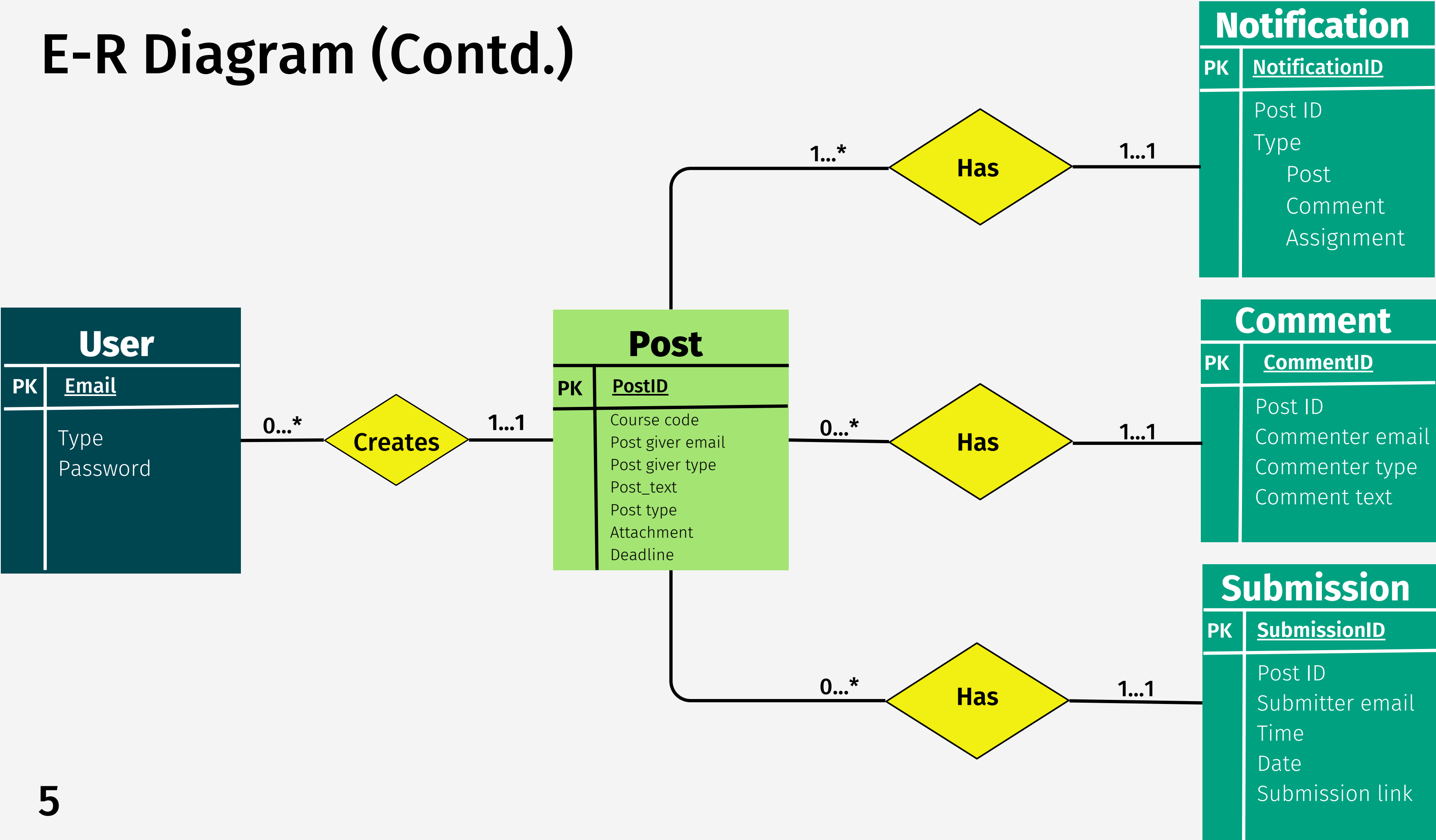
Database for backend data store

Git

For collaborating and controlling the project.

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E-R Diagram

Teacher

PK	TeacherID
	Name
	Email
	Dept
	Dob
	Contact No

Admin

PK	AdminID
	Name
	Email
	Dob
	Contact

User

PK	Email
	Type
	Password

Student

PK	StudentID
	Name
	Email
	Dept
	Semester
	Dob
	Contact No

Course

PK	CourseCode
	OfferedDept
	Dept
	Credit
	Title
	Semester

Belongs to — 1...1 ... 1...1

Takes — *...*

Total Class Taken

Academic_Year

Exam Marks

Academic_Year

Attended class

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E-R Diagram (Contd.)

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TEAM REINHARDT
Contributions

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- UI Design of the Project
- Admin Functionalities
    -Reset Data
    -Add New Data

SHAJEED HOSSAIN

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- Login Process
- Profile View
- Result Processing
- Academic Progess

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- Workspace Functionalities
    -Post
    -Comment
    -Submission
    -Notifications

Project Demonstration

Thank You