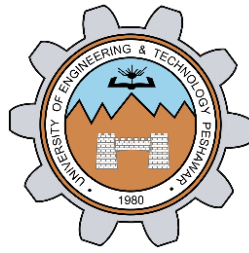


DBMS Lab Project



CSE-403L Database Management System Lab Spring 2025

Group Members:

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Class Section: C

“On my honor, as student of University of Engineering and Technology, I have neither given nor received unauthorized assistance on this academic work.”

Submitted to:

Engr. Sumayyea Salahuddin

July 02, 2025

Department of Computer Systems Engineering
UET Peshawar

TITLE: -

Exam and Result Management System

1.1 Introduction:

The traditional system of manually maintaining students' exam and result records is slow, prone to errors, and lacks centralized access. The proposed system automates this process using a relational database and web technologies to improve accuracy, accessibility, and efficiency. By shifting this manual method to the computerized system, we can boost our work efficiencies, reduce our work loads, we can reduce our time that we spend in maintaining the records and we don't need to waste paper and trees that we need to cut to maintain our records. One of the biggest issue of the manual labor was that if one of records is changed at one instance, it takes a lot of time in updating in all the other related entities and places wherever the work was saved. So this projects also helps in the updation of the entities at all the places in just a click if one of the entities is changed, it doesn't take much time to update all the other records.

1.2 Objectives:

- ❖ To securely store student, exam, instructor, and result information using a centralized database.
- ❖ To eliminate manual errors in result processing through automation and validation mechanisms.
- ❖ To provide an intuitive, user-friendly interface for teachers, administrators, and examination staff.
- ❖ To automate result calculation and generation based on predefined marking schemes and grade thresholds.
- ❖ To ensure fast and efficient result publishing with minimal administrative effort.
- ❖ To maintain confidentiality and data privacy through role-based access control and secure login.
- ❖ To enable real-time result access for students and parents via web portal or mobile interface.
- ❖ To generate customizable reports, mark sheets, and transcripts in digital format.
- ❖ To offer audit logs for all administrative activities to maintain system transparency and accountability.
- ❖ To support scalability for handling large datasets and multiple departments or campuses.
- ❖ To back up all data regularly to prevent loss during unexpected failures or system errors.

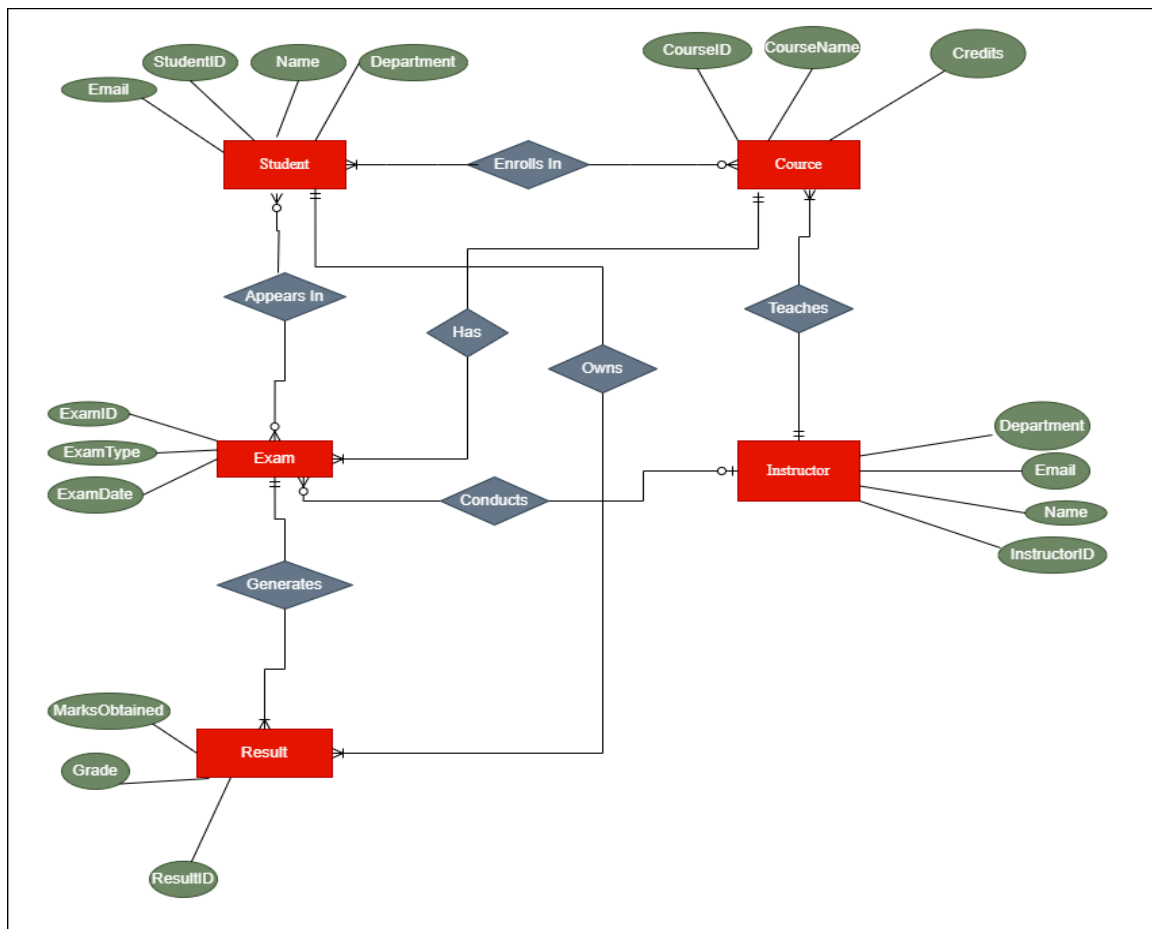
1.3 Entity Description

Entity Name	Description
Student	Stores detailed records of each enrolled student including personal info, registration number, contact details, and course enrollment. Each student can be linked to multiple courses and exams, and their academic progress is tracked over time.
Instructor	Contains information about faculty members such as name, ID, department, and contact details. Instructors are assigned to courses, conduct exams, input marks, and play a critical role in student evaluation.
Course	Represents academic subjects with details like course code, title, credit hours, and prerequisites. Courses are taught by instructors and taken by students. Each course has associated exams and contributes to CGPA calculation.
Exam	Keeps records of assessments linked to specific courses. Includes exam type (quiz, midterm, final), date, total marks, and duration. Enables tracking of student attendance and supports result publishing and rechecking.
Result	Documents student performance in exams with data on marks obtained, grade, percentage, and pass/fail status. Links students to exams and is used for generating report cards, transcripts, and performance analytics.

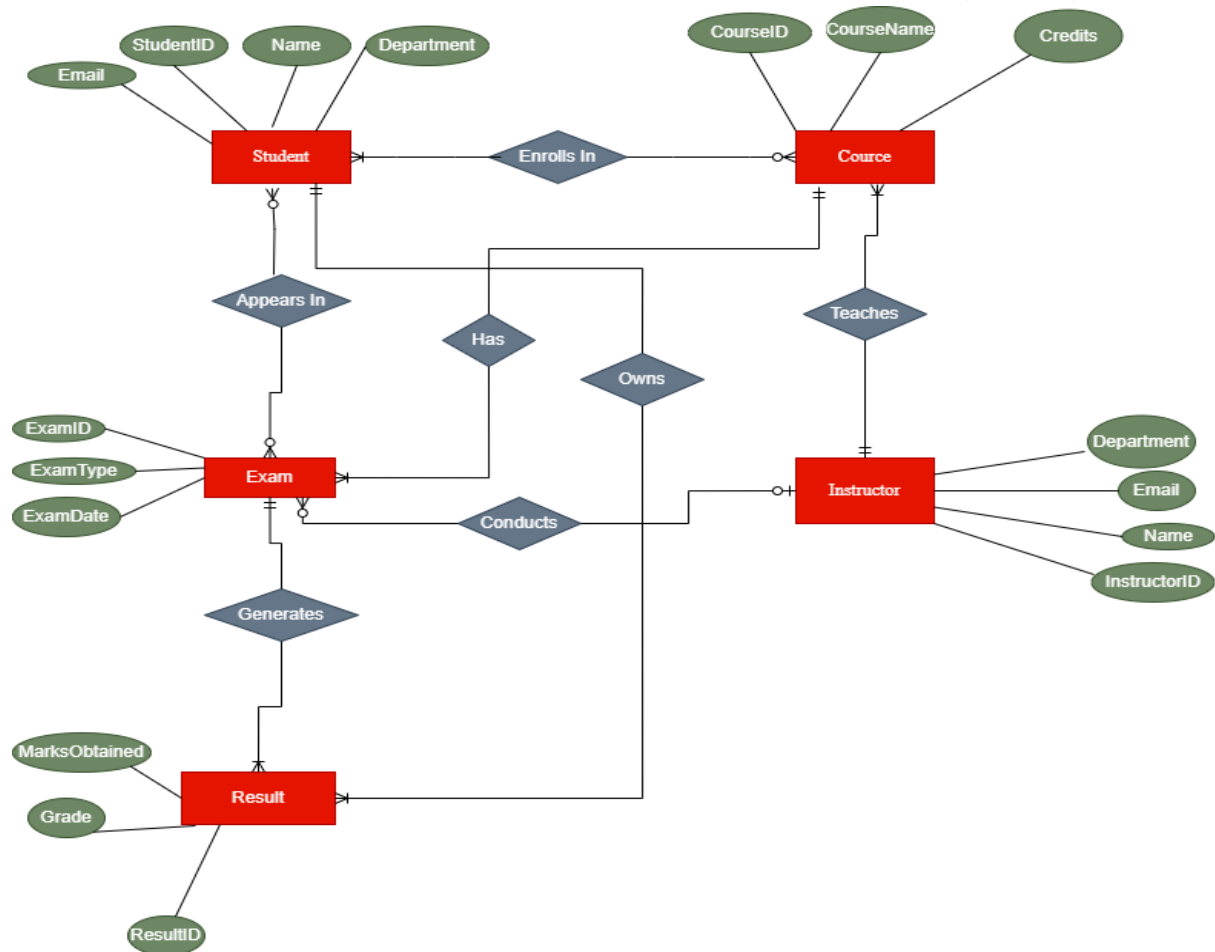
1.4 Business Rules:-

- ❖ A student can register for multiple courses in a semester, but cannot register for the same course more than once in the same academic term.
- ❖ Each course must have at least one assigned instructor, and one of them must be designated as the course coordinator responsible for overall management and grading.
- ❖ A course can have multiple exams such as quizzes, midterms, finals, or practicals, but each exam must be linked to only one course.
- ❖ A student can appear in multiple exams, but the system allows only one result entry per student for each exam to avoid duplication or conflict.
- ❖ Instructors can manage and evaluate multiple exams. They are solely responsible for entering accurate marks and ensuring timely result submission.
- ❖ Every result must be linked to a valid student and a valid exam. The system must verify the existence of both before result entry is allowed.
- ❖ Students are restricted from viewing their results until the instructor has officially published them in the system.
- ❖ All exams must be scheduled at least seven days in advance. Any rescheduling must be immediately communicated to all enrolled students via system notifications.
- ❖ Marks for each exam must be entered within ten days from the exam date. Delays beyond this period will require administrative approval or system override.
- ❖ Student grades are calculated based on a pre-defined grading policy that is standardized and consistently applied across all courses.

1.5 ENTITY RELATIONSHIP DIAGRAM (ERD)



1.6 ENHANCED ENTITY RELATIONSHIP DIAGRAM (EERD)



1.7 Technologies Used:

- **Frontend:** HTML, Tailwind CSS
- **Backend:** PHP (Laravel)
- **Database:** MySQL
- **Tools:** XAMPP, phpMyAdmin

1.8 System Modules:

- **Student Management:** Add/edit student records.
- **Course Management:** Create and manage courses.
- **Instructor Module:** Assign instructors to courses.
- **Exam Management:** Define exams linked to courses.
- **Result Management:** Enter and calculate grades based on marks.
- **Authentication System:** Role-based access for admin, teacher, student.

1.9 Entities and Their Attributes:

1. Student

- ❖ *Attributes:* StudentID (Primary Key), Name, Department, Email
- ❖ Represents students enrolled in the institution. Each student can register for multiple courses and appear in exams.

2. Course

- ❖ *Attributes:* CourseID (Primary Key), CourseName, Credits
- ❖ Represents academic courses offered. Courses are taught by instructors and taken by students.

3. Instructor

- ❖ *Attributes:* InstructorID (Primary Key), Name, Department, Email
- ❖ Represents faculty members responsible for teaching and evaluating students through exams.

4. Exam

- ❖ *Attributes:* ExamID (Primary Key), ExamType, ExamDate
- ❖ Represents examinations conducted for courses. Each exam is associated with a course and conducted by an instructor.

5. Result

- ❖ *Attributes:* ResultID (Primary Key), MarksObtained, Grade
- ❖ Stores the performance of students in exams. Each result links a student with a specific exam.

1.10 ER Diagram Summary:

- ❖ **Students** *enroll in* multiple **Courses** (many-to-many relationship).
- ❖ **Instructors** *teach* Courses and one of them *owns* the course as a coordinator.
- ❖ **Students** *appear in* multiple **Exams**, and each **Exam** is *conducted by* an **Instructor**.
- ❖ Each **Exam** is associated with exactly one **Course** (*has* relationship).
- ❖ **Results** are *generated* for every exam a student appears in. A result links a **Student** and an **Exam**, ensuring performance tracking.

1.11 Database Design:

Based on the ER diagram, the relational schema (tables and keys) would look like this:

1. Student Table

Fields: StudentID (PK), Name, Department, Email

2. Course Table

Fields: CourseID (PK), CourseName, Credits

3. Instructor Table

Fields: InstructorID (PK), Name, Department, Email

4. Exam Table

Fields: ExamID (PK), ExamType, ExamDate, CourseID (FK), InstructorID (FK)

5. Result Table

Fields: ResultID (PK), StudentID (FK), ExamID (FK), MarksObtained, Grade

6. Student Course Table (*For Many-to-Many between Student & Course*)

Fields: StudentID (FK), CourseID (FK)

Composite primary key: (StudentID, CourseID)

7. Instructor Course Table (*To map which instructors teach which course and who is the coordinator*)

Fields: InstructorID (FK), CourseID (FK), IsCoordinator (Boolean)

Composite primary key: (InstructorID, CourseID)

1.12 Key Features:

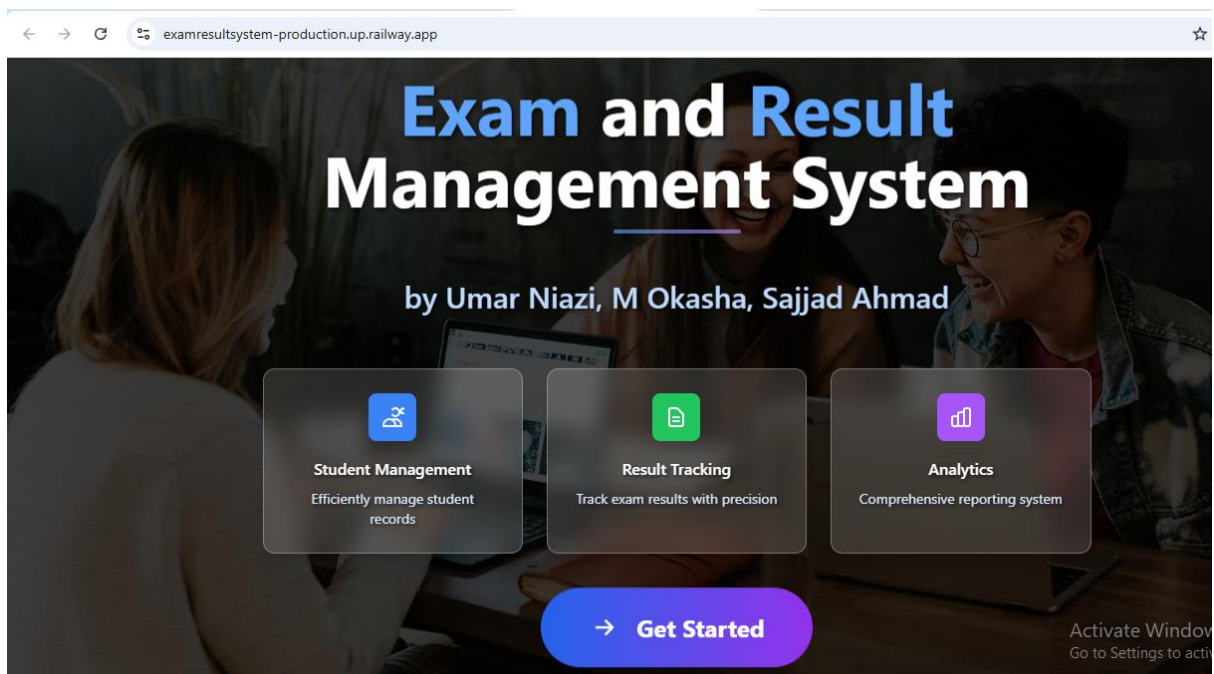
1. **Secure Student Information Management**
Stores detailed student data including ID, name, department, and email with strict access control to ensure privacy.
2. **Course Registration Module**
Allows students to register for multiple courses per semester, with validations to prevent duplicate registrations.
3. **Instructor Assignment System**
Enables admin to assign one or more instructors to courses, with one designated as the course coordinator.
4. **Exam Scheduling & Management**
Supports creation and scheduling of various exam types (e.g., midterm, final, quiz) linked to specific courses and instructors.
5. **Student-Exam Participation Tracking**
Records which students appeared in which exams, ensuring attendance tracking and eligibility validation.
6. **Automated Result Generation**
Instructors can enter marks directly into the system; the system calculates grades based on predefined grading rules.
7. **Real-time Result Publishing**
Results remain hidden until published by the instructor, after which students can access their grades securely.
8. **Role-Based Access Control (RBAC)**
Ensures that only authorized users (students, instructors, admin) can access relevant parts of the system.
9. **Standardized Grading Policy Enforcement**
Grades are auto-calculated using a uniform institutional grading policy, ensuring fairness and consistency.
10. **Relational Database Backend**
Efficient use of foreign keys and entity relationships ensures data integrity, accuracy, and normalization.
11. **Report Generation & Analytics**
Supports generation of transcripts, individual report cards, and overall performance summaries for analysis.
12. **Error Reduction & Validation Mechanisms**
Eliminates manual entry mistakes through validations at each data entry point, including result submission deadlines.
13. **Scalability & Extensibility**
Designed to accommodate future features like CGPA calculators, rechecking requests, backlog exams, or mobile access.

1.13 Benefits:

1. **Improved Accuracy in Result Processing**
Eliminates human errors in grade calculation, data entry, and result compilation through automation.
2. **Time-Saving for Faculty and Administration**
Automates repetitive tasks like mark entry, grade calculation, and report generation—freeing up staff for other responsibilities.
3. **Centralized Data Storage**
All student, course, exam, and result data is stored in a single, structured database—easy to access and maintain.
4. **Real-Time Access to Results**
Students can view their grades instantly once published, reducing the need for manual result distribution.
5. **Quick Report and Transcript Generation**
Reduces the time and effort needed to generate performance reports, mark sheets, and transcripts.
6. **Easy Exam Management**
Schedules, changes, and notifications are managed efficiently, keeping students and instructors informed and prepared.
7. **Scalable for Future Expansion**
The system can be extended to support additional features such as CGPA tracking, rechecking requests, or mobile compatibility.

1.14 Project and Output Snippets

Homepage:



Signup Page:

← → ↺ examresultsystem-production.up.railway.app/register

Exam & Result Management

Name

Muhammad Okasha

Email

superadmin@gmail.com

Password

.....

Confirm Password

.....|

[Already registered?](#) **REGISTER**

Login Page:-

← → ↺ examresultsystem-production.up.railway.app/login

Exam & Result Management

Email

superadmin@gmail.com

Password

.....

☐ Remember me

[Forgot your password?](#) **LOG IN**

[Don't have an account? Register](#)

Dashboard:

examresultssystem-production.up.railway.app/admin/dashboard

Admin Dashboard

Students

Instructors

Courses

Exams

Results

Users

Super Admin

Admin Dashboard

Welcome back, Super Admin!

Admin Access

Total Students

2

View all students

Total Instructors

0

View all instructors

Total Courses

1

View all courses

Total Results

0

View all results

Quick Actions

Add Student

Add Course

Add Exam

Add Result

Student Statistics

Undergraduate Students

2

Graduate Students

0

View Detailed Statistics

Student:

examresultssystem-production.up.railway.app/admin/students

Admin Dashboard

Students

Instructors

Courses

Exams

Results

Users

Super Admin

Student Management

Manage all student records and information

Add New Student

Total Students

2

Undergraduate

2

Graduate

0

All Students

STUDENT INFO	CONTACT	ACADEMIC	STATUS	ACTIONS
<div><div>Mu</div><div>Muhammad Okasha</div><div>2146</div></div>	<div>muhammadokasha195@gmail.com</div> <div>Male</div>	<div>Dcse</div> <div>Undergraduate</div>	<div>Undergraduate</div>	<div>View</div> <div>Edit</div> <div>Delete</div>
<div><div>fa</div><div>farmanullah</div><div>2148</div></div>	<div>farman@gmail.com</div> <div>Male</div>	<div>electrical</div> <div>Undergraduate</div>	<div>Undergraduate</div>	<div>View</div> <div>Edit</div> <div>Delete</div>

Activate Windows
Go to Settings to activate Wi

Activate Windows
Go to Settings to activate Wi

Instructor Management:

examresultssystem-production.up.railway.app/admin/instructors

Admin Dashboard

Students

Instructors

Courses

Exams

Results

Users

Super Admin ▾

Instructor Management

Add New Instructor

#	Name	Email	Department	Actions
1	ali ahmed	okashaboss934@gmail.com	DCSE	<div><div>View</div><div>Edit</div><div>Delete</div></div>

Course Management:

examresultssystem-production.up.railway.app/admin/courses

Admin Dashboard

Students

Instructors

Courses

Exams

Results

Users

Super Admin ▾

Course Management

Add New Course

#	Name	Code	Credits	Description	Actions
1	islamait	123	3	dbddusnabd	<div><div>View</div><div>Edit</div><div>Delete</div></div>

Exams:

examresultssystem-production.up.railway.app/admin/exams

Admin Dashboard

Students

Instructors

Courses

Exams

Results

Users

Super Admin

Exams

Create New Exam

Exam created successfully!

TITLE	COURSE	DATE	ACTIONS
Mid Term	islamait	2025-07-08	<div>ViewEditDelete</div>

Result Management:

Admin Dashboard

Students

Instructors

Courses

Exams

Results

Users

Super Admin

Result Management

Add New Result

Result added successfully.

#	STUDENT	COURSE	EXAM	GRADE	ACTIONS
1	Muhammad Okasha	islamait	Mid Term	A	<div>ViewEditDelete</div>

Users:

Admin Dashboard

Students

Instructors

Courses

Exams

Results

Users

Super Admin

User Management

Back to Dashboard

USER	EMAIL	CURRENT ROLE	ACTIONS
<div>MU</div> <div>Muhammad Umar</div> <div>ID: 1</div>	niaziumar98@gmail.com	User	<div>User</div>
<div>SU</div> <div>Super Admin</div> <div>ID: 2</div>	superadmin@gmail.com	Admin	<div>Admin</div>
<div>KA</div> <div>Kashif</div> <div>ID: 3</div>	muhammadokasha195@gmail.com	User	<div>User</div>
<div>FA</div> <div>farman</div> <div>ID: 4</div>	farman@gmail.com	User	<div>User</div>

Database:

```
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL > SHOW TABLES;
+-----+
| Tables_in_studentApp |
+-----+
| cache                  |
| cache_locks            |
| course_student         |
| courses                |
| exam_student           |
| exams                  |
| failed_jobs            |
| graduate_students      |
| instructors            |
| job_batches            |
| jobs                   |
| migrations             |
| password_reset_tokens  |
| permanent_instructors  |
| results                |
| sessions               |
| students               |
| undergraduate_students |
| users                  |
| visiting_instructors   |
+-----+
```

```
20 rows in set (0.1500 sec)
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL > SELECT * FROM students;
+-----+
| id | registration_number | name           | email                               | department | gender | student_type | created_at | updated_at |
+-----+
| 1   | 2146                | Muhammad Okasha | muhammadokasha195@gmail.com       | Dcse       | Male   | undergraduate | 2025-07-03 16:15:55 | 2025-07-03 16:15:55 |
| 2   | 2148                | farmanullah     | farman@gmail.com                  | electrical | Male   | undergraduate | 2025-07-06 14:58:00 | 2025-07-06 14:58:00 |
+-----+
```

Adding New Student:

Add New Student

Registration Number

2148

Name

Muhammad Umar

Email

muhammadumar9898

Department

DCSE

Student Type

Undergraduate

Gender

Male

Back

Save Student

Update in Student Section:

The screenshot shows a web application interface for 'Student Management'. The URL in the browser is 'examresultsystem-production.up.railway.app/admin/students'. The page has a header with the title 'Student Management' and a subtitle 'Manage all student records and information'. There is a blue button labeled '+ Add New Student'. Below the header, there are three summary cards: 'Total Students' with a count of 3, 'Undergraduate' with a count of 3, and 'Graduate' with a count of 0. The main section is titled 'All Students' and contains a table with columns: STUDENT INFO, CONTACT, ACADEMIC, STATUS, and ACTIONS. The table lists three students: Muhammad Okasha (ID 2146), farmanullah (ID 2148), and Muhammad Umar (ID 2149). Each student entry includes their name, email, department, gender, student type, and a status label 'Undergraduate'. There are also 'View', 'Edit', and 'Delete' buttons for each student.

STUDENT INFO	CONTACT	ACADEMIC	STATUS	ACTIONS
Muhammad Okasha 2146	muhammadoakasha195@gmail.com Male	Dcse Undergraduate	Undergraduate	View Edit Delete
farmanullah 2148	farman@gmail.com Male	electrical Undergraduate	Undergraduate	View Edit Delete
Muhammad Umar 2149	muhammadumar9898@gmail.com Male	DCSE Undergraduate	Undergraduate	View Edit Delete


Update in Database:

```
2 rows in set (0.1671 sec)
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL > SELECT * FROM students;
+-----+-----+-----+-----+-----+-----+-----+-----+
| id | registration_number | name | email | department | gender | student_type | created_at | updated_at |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 1 | 2146 | Muhammad Okasha | muhammadoakasha195@gmail.com | Dcse | Male | undergraduate | 2025-07-03 16:15:55 | 2025-07-03 16:15:55 |
| 2 | 2148 | farmanullah | farman@gmail.com | electrical | Male | undergraduate | 2025-07-06 14:58:00 | 2025-07-06 14:58:00 |
| 3 | 2149 | Muhammad Umar | muhammadumar9898@gmail.com | DCSE | Male | undergraduate | 2025-07-08 09:15:23 | 2025-07-08 09:15:23 |
+-----+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.3549 sec)
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL >
```

Database before Update in Instructor Section:

```
3 rows in set (0.3549 sec)
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL > SELECT * FROM instructors;
+-----+-----+-----+-----+-----+-----+
| id | name | email | department | created_at | updated_at |
+-----+-----+-----+-----+-----+-----+
| 1 | ali ahmed | okashaboss934@gmail.com | DCSE | 2025-07-08 09:01:04 | 2025-07-08 09:01:04 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.2574 sec)
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL >
```

Update at Website:

 Admin Dashboard Students **Instructors** Courses Exams Results Users

Add New Instructor

Name

Email

Department

Verified in Database:

```
1 row in set (0.1550 sec)
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL > SELECT * FROM instructors;
+----+-----+-----+-----+-----+-----+
| id | name      | email                | department | created_at          | updated_at          |
+----+-----+-----+-----+-----+-----+
| 1  | ali ahmed | okashaboss934@gmail.com | DCSE      | 2025-07-08 09:01:04 | 2025-07-08 09:01:04 |
| 2  | ali ahmed | muhammadali@example.com | DCSE      | 2025-07-08 09:18:52 | 2025-07-08 09:18:52 |
+----+-----+-----+-----+-----+-----+
2 rows in set (0.2022 sec)
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL >
```

Database Before Update in Courses:

```
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL > SELECT * FROM courses;
+----+-----+-----+-----+-----+-----+
| id | name      | code | credits | description | created_at          | updated_at          |
+----+-----+-----+-----+-----+-----+
| 1  | islamait  | 123  | 3       | dbddusnabd | 2025-07-06 14:58:30 | 2025-07-06 14:58:30 |
+----+-----+-----+-----+-----+-----+
1 row in set (0.5265 sec)
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL >
```


Update in Website:

Add New Course

Course Name:

Course Code:

Credits:

Description:


Verification in Database:

```
1 row in set (0.5265 sec)
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL > SELECT * FROM courses;
+----+-----+-----+-----+-----+-----+-----+
| id | name  | code | credits | description          | created_at          | updated_at          |
+----+-----+-----+-----+-----+-----+-----+
| 1  | islamait | 123 | 3 | dbddusnabd          | 2025-07-06 14:58:30 | 2025-07-06 14:58:30 |
| 2  | DBMS    | 304-L | 3 | This is new test subject | 2025-07-08 09:22:21 | 2025-07-08 09:22:21 |
+----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.2410 sec)
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL >
```

Before Update In Exams Section:

```
2 rows in set (0.2410 sec)
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL >
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL > SELECT * FROM exams;
+----+-----+-----+-----+-----+-----+
| id | title  | exam_date | course_id | created_at          | updated_at          |
+----+-----+-----+-----+-----+-----+
| 1  | Mid Term | 2025-07-23 | 1 | 2025-07-08 09:04:52 | 2025-07-08 09:04:52 |
+----+-----+-----+-----+-----+-----+
1 row in set (0.1536 sec)
```

Update in Website:



Admin Dashboard

Students

Instructors

Courses

Exams

Results

Users

Super Admin

Exams

Create New Exam

Exam created successfully!

TITLE	COURSE	DATE	ACTIONS
Mid Term	islamait	2025-07-08	<div>ViewEditDelete</div>
Final	islamait	2025-07-08	<div>ViewEditDelete</div>

Verification in Database:

```
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL > SELECT * FROM exams;
+----+-----+-----+-----+-----+-----+
| id | title | exam_date | course_id | created_at | updated_at |
+----+-----+-----+-----+-----+-----+
| 1 | Mid Term | 2025-07-23 | 1 | 2025-07-08 09:04:52 | 2025-07-08 09:04:52 |
| 2 | Final | 2025-07-23 | 1 | 2025-07-08 09:24:46 | 2025-07-08 09:24:46 |
+----+-----+-----+-----+-----+-----+
2 rows in set (0.4711 sec)
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL >
```

Before Update in Results:

```
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL >
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL > SELECT * FROM results;
+----+-----+-----+-----+-----+-----+-----+
| id | student_id | course_id | exam_id | grade | created_at | updated_at |
+----+-----+-----+-----+-----+-----+-----+
| 1 | 1 | 1 | 1 | A | 2025-07-08 09:05:54 | 2025-07-08 09:05:54 |
+----+-----+-----+-----+-----+-----+-----+
1 row in set (0.2206 sec)
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL >
```

Update in Website:

Result Management

Add New Result

Result added successfully.

#	STUDENT	COURSE	EXAM	GRADE	ACTIONS
1	Muhammad Okasha	islamait	Mid Term	A	<div>ViewEditDelete</div>
2	Muhammad Umar	islamait	Final	A	<div>ViewEditDelete</div>


Verification in Database:


```
MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL > SELECT * FROM results;
+----+-----+-----+-----+-----+-----+-----+
| id | student_id | course_id | exam_id | grade | created_at | updated_at |
+----+-----+-----+-----+-----+-----+-----+
| 1 | 1 | 1 | 1 | A | 2025-07-08 09:05:54 | 2025-07-08 09:05:54 |
| 2 | 3 | 1 | 2 | A | 2025-07-08 09:28:02 | 2025-07-08 09:28:02 |
+----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.1928 sec)


MySQL exam-result-system-niaziumar98-8034.e.aivencloud.com:17428 ssl studentApp SQL >
```

Activate Windows
Go to Settings to activate Windows.


Student Portal:

 Dashboard

 Check Results

 Transcript


Student Portal



Check Results

Look up your exam results using your registration number.

[Check Results](#)



Unofficial Transcript

View your complete academic transcript and GPA.

[View Transcript](#)

Quick Information

Registration Number: Required for result lookup

Student Type: Select Undergraduate or Graduate

Unofficial Transcript: Shows all courses and grades

Checking Results:

Result Lookup

Registration Number

2149

Student Type

Undergraduate

[Check Results](#)[Back to Dashboard](#)

Instructions:

- Enter your exact registration number as provided by the university
- Select whether you are an undergraduate or graduate student
- Your results will be displayed immediately after verification
- For any issues, please contact the administration office

Updated Result in Website:

Student Results

Name

Muhammad Umar

Registration Number

2149

Department

DCSE

Student Type

Undergraduate

Academic Summary

4

Current GPA
Based on 1 course(s)

Course Results

COURSE CODE	COURSE NAME	GRADE	CREDITS
123	islamait	A	3

Check Another Result

View Transcript

Back to Dashboard

UNOFFICIAL TRANSCRIPT:

UNOFFICIAL TRANSCRIPT

This is an unofficial transcript for internal use only

Student Name

Muhammad Umar

Registration Number

2149

Email

muhammadumar9898@gmail.com

Department

DCSE

Student Type

Undergraduate

Gender

Male

Academic Summary

4

Cumulative GPA

1

Total Courses

3

Total Credits

1

A Grades

Course History

COURSE CODE	COURSE NAME	CREDITS	GRADE	GRADE POINTS	SEMESTER
123	islamait	3	A	4	2025-07

Grade Legend

A/A+ = 4.0

B/B+ = 3.0-3.3

C/C+ = 2.0-2.3

F = 0.0

Generated on: July 8, 2025 at 9:32 AM

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Print

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1.15 GitHub Link:

Here is the GitHub link of the repository uploaded online:

https://github.com/niazi98/exam_result_system

1.16 Conclusion:

The Exam and Result Management System provides a reliable, scalable solution to automate the academic result process in educational institutions. It ensures data accuracy, fast processing, and ease of access for users with different roles.

1.17 REFERENCES

1. Lecture notes and slides provided by Sumayyea Salahuddin, Lecturer, DCSE Dept.
2. Class discussions and examples explained during lectures.
3. [Draw.io (<https://www.draw.io>)] – Used for creating ER and Enhanced ER diagrams.
4. ChatGPT by OpenAI – Used for conceptual guidance, entity design, relationships, and documentation support.
5. Online database modeling resources and tutorials (e.g., GeeksforGeeks, Tutorials Point) for EERD concepts.