Student Result Management System



***A Report Submitted In Partial Fulfillment***

***for award of Bachelor of Technology***

***for***

**Software Engineering and Design (BCSE0551)**

**In**

**COMPUTER SCIENCE AND ENGINEERING**

**By**

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##### Under the Supervision of

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**Assistant Professor, CSE**

## NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY GREATER NOIDA,

**Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow**

## DECLARATION

We hereby declare that the work presented in this report was carried out by us. We have not submitted the matter embodied in this report for the award of any other degree or diploma of any other University or Institute.

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Name : Durga Maddheshiya Roll Number : 2301330100085 *(Candidate Signature)*

## CERTIFICATE

Certified that **Himanshu Pandey** (Roll No: 23013301000101), **Drishay Chauhan** (Roll No: 23013301000084) and **Durga Maddheshiya** (Roll No: 2301330100085), has carried out the Web Technologies (BCSE0555) minor project work presented in this Project Report at **Noida Institute Of Engineering and Technology, Greater Noida** in partial fulfilment of the requirements for the award of **Bachelor of Technology**, **Computer Science and Engineering** from Dr. APJ Abdul Kalam Technical University, Lucknow under our supervision.

Signature

M. Rohit Chaudhary

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NIET, Greater Noida

Date:

Signature

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NIET, Greater Noida

## ACKNOWLEDGEMENT

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We also extend our heartfelt thanks to our respected **Head of Department (HOD)** for their continuous motivation and encouragement, which inspired us to put in our best efforts.

Finally, we are grateful to our faculty members, peers, and everyone who directly or indirectly contributed to the successful completion of this project.

## ABSTRACT

The Student Result Management System (SRMS) is a comprehensive web-based application designed to streamline and automate the process of maintaining and managing academic records of students. In traditional institutions, result management is often carried out manually, making it prone to errors, delays, and inefficiencies, especially when dealing with a large number of students and courses. This project aims to overcome these challenges by offering a secure, scalable, and user-friendly digital platform for effective result management.

The system has been implemented using PHP for server-side scripting, XML, MySQL as the relational database for structured data storage, and Bootstrap to provide a responsive and visually appealing frontend design. To ensure secure usage, a robust user authentication module has been integrated, allowing only authorized users to access and modify data. Each registered user is provided with a personalized dashboard to manage their records, ensuring privacy and security of information.

Key features of the application include the ability to add, update, delete, and search student records with ease. To improve interoperability and data portability, the system supports XML synchronization, allowing academic data to be shared or exported to other platforms in a standardized format. The modular design of the application also ensures that the system is highly adaptable and can be extended to incorporate advanced features in the future.

The SRMS has undergone rigorous testing for accuracy, reliability, usability, and performance. The results indicate that the system successfully achieves its intended objectives by minimizing errors, reducing administrative workload, and providing instant access to student results. Beyond its immediate application, the project lays the groundwork for future enhancements such as result analytics, automated grading systems, statistical performance evaluation, and integration of export features in PDF/Excel formats.

In conclusion, this project demonstrates a practical and efficient approach to modern academic record management. It not only addresses the drawbacks of manual result processing but also contributes towards the digital transformation of educational institutions, thereby enhancing transparency, accessibility, and efficiency in academic administration.

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# Chapter 1: Introduction

#### 1.1 Background of the Project

Education is one of the most significant sectors in society, and with the growth of technology, digital systems have become essential for managing academic records effectively. Traditional methods of recording student results using registers or spreadsheets often lead to inefficiencies, errors, and difficulties in accessing data.

The Student Result Management System (SRMS) is a web-based application developed using PHP, MySQL, and Bootstrap. It is designed to automate the management of student records, including student details, courses, and marks. The system also provides authentication features, ensuring that each user manages their own data securely. Additionally, it incorporates XML synchronization, enabling easy export and integration with other platforms.

#### 1.2 Problem Definition

In the existing manual or semi-digital systems:

* Result compilation takes excessive time.
* Errors in mark entry or calculation often go unnoticed.
* There is no centralized database to store and retrieve records efficiently.
* Students and faculty members lack real-time access to results.

The *SRMS* addresses these challenges by creating a secure, accurate, and efficient digital platform for handling student results.

#### 1.3 Objectives of the Project

* To automate student result entry, calculation, and publishing.
* To design a web-based interface accessible to all authorized users.
* To generate performance reports and export results in XML format.
* To provide secure authentication and role-based access control.
* To reduce administrative workload and improve accuracy.

#### 1.4 Purpose of the system

The purpose of the system is to simplify and automate the management of student performance data. It provides seamless communication between teachers and administrators and instant result visibility to students, fostering transparency and efficiency.

To reduce administrative workload and improve accuracy.

#### 1.5 Scope of the Project

This project focuses on medium to large educational institutions that manage multiple courses and batches.  
It can handle a growing number of records and adapt to new courses or grading systems.  
The SRMS is designed for scalability and can integrate with online learning portals or examination systems in future versions.

#### 1.6 Motivation

The motivation behind SRMS originates from the inefficiency of manual result systems and the vision to support digital transformation in education.  
Automating result management not only saves time but also enhances the institution’s reputation by ensuring fairness, accuracy, and accessibility.

#### 1.7 Methodology Adopted

The system was developed using the **Waterfall model** of SDLC:

1. **Requirement Analysis** – Gathered from discussions with faculty.
2. **System Design** – DFDs, ERD, and UML diagrams were created.
3. **Implementation** – Using ASP.NET for web development and SQL Server for backend.
4. **Testing** – Performed at unit and integration levels.
5. **Deployment and Maintenance** – Hosted locally for demonstration.

**1.8 Organization of the Report**

This report is structured into eight chapters covering system design, analysis, implementation, testing, and result.

# Chapter 2: Literature Review / Existing System

#### 2.1 Overview of Existing Systems

Existing systems are mostly manual or spreadsheet-based, leading to delays in data entry and difficulty in maintaining large student records.  
Even available third-party software often lacks integration capabilities and flexibility.

**2.2 Limitations of Existing System**

* No centralized database for multi-user access.
* Error-prone manual computation.
* Lack of automated backup.
* Difficulty in generating reports or exporting data.

**2.3 Need for the Proposed System**

The proposed SRMS provides:

* A centralized result management database.
* Real-time data access and role-based authentication.
* Automatic calculation and grade assignment.
* Simplified report generation and backup.

**2.4 Comparative Study**

| **Feature** | **Manual System** | **SRMS** |
| --- | --- | --- |
| **Data Handling** | **Manual** | **Automated** |
| **Time Required** | **High** | **Low** |
| **Accuracy** | **Low** | **High** |
| **Accessibility** | **Single user** | **Multi-user** |
| **Report Generation** | **Manual** | **Automated** |

# Chapter 3: System Analysis

#### 3.1 Feasibility Study

**3.1.1 Technical Feasibility**

The technologies used are stable, open, and compatible with institutional IT infrastructure.

**3.1.2 Economic Feasibility**

The project uses free or institution-licensed tools, minimizing costs.

**3.1.3 Operational Feasibility**

The system requires minimal training and can be adopted easily by faculty and admin staff.

#### 3.2 System Requirements Specification

**3.2.1 Hardware Requirements**

* **Server:** 4 GB RAM, 2.5 GHz Processor
* **Client:** 1 GB RAM, 1.8 GHz Processor
* **Storage:** 100 GB HDD minimum

**3.2.2 Software Requirements**

* OS: Windows 10 or later
* Framework: .NET Framework 4.5+
* Database: SQL Server 2008+
* IDE: Microsoft Visual Studio
* Browser: Chrome, Firefox, Edge

#### 3.3 System Architecture

The architecture follows a **three-tier model**:

1. **Presentation Layer:** Web interface (Login, Dashboards, Result View)
2. **Business Logic Layer:** Handles calculations, validations, and access control.
3. **Data Layer:** Stores student data, subjects, marks, and result details.

# CHAPTER 4: System Design

#### 4.1 System Design Approach

The design uses modular architecture — separate modules for user management, marks entry, result generation, and XML export.

#### 4.2 Data Flow Diagrams (DFDs)

A diagram of a student result

AI-generated content may be incorrect.

A diagram of students

AI-generated content may be incorrect.

**4.3 Use Case Diagram**

A diagram of a student result management system

AI-generated content may be incorrect.

**4.4 Entity Relationship Diagram**

A diagram of a diagram

AI-generated content may be incorrect.

**4.5 Class and Sequence Diagrams**

A diagram of a course

AI-generated content may be incorrect.

A white sheet of paper with black text

AI-generated content may be incorrect.

**4.6 Activity, Component, and Deployment Diagrams**

A diagram of a diagram

AI-generated content may be incorrect.  
A diagram of a diagram

AI-generated content may be incorrect.  
A diagram of a flowchart

AI-generated content may be incorrect.

# CHAPTER 5: System Implementation

#### 5.1 Implementation Environment

* Front-End: ASP.NET, HTML, CSS
* Back-End: SQL Server
* Language: C#
* Web Server: IIS

#### 5.2 Modules Implemented

1. **Login Module** – Authenticates users.
2. **Admin Module** – Manages students, subjects, and reports.
3. **Teacher Module** – Enters marks.
4. **Student Module** – Views results.

#### 5.3 Database Implementation

The SQL database stores student details, course info, marks, and results. Primary and foreign key constraints ensure relational integrity.

#### 5.4 Algorithm and Logic

Each student’s marks are fetched, summed, and averaged. Grades are assigned based on total score using conditional logic.

#### 5.5 Testing Strategy

Unit testing was performed on individual modules, followed by integration and system testing. All test cases passed successfully.

# CHAPTER 6: Testing and Validation

#### 6.1 Testing Objectives

Ensure that SRMS performs as intended, without errors or security vulnerabilities.

#### 6.2 Testing Types

* Unit Testing – Tested individual modules.
* Integration Testing – Validated communication between modules.
* System Testing – Tested the entire workflow.
* User Acceptance Testing (UAT) – Final evaluation by intended users.

#### 6.3 Test Cases

| **ID** | **Description** | **Input** | **Expected Output** | **Result** |
| --- | --- | --- | --- | --- |
| **TC-01** | **Login** | **Valid credentials** | **Redirect to dashboard** | **Pass** |
| **TC-02** | **Marks Entry** | **Valid marks** | **Data saved** | **Pass** |
| **TC-03** | **View Result** | **Student ID** | **Display results** | **Pass** |

#### 6.4 Validation

All requirements were validated against the SRS document. The system met all functional and performance expectations.

# CHAPTER 7: Results and Discussion

**7.1 Output Screens**

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

#### 7.2 Result Analysis

The system successfully handles user authentication, marks entry, result generation, and report viewing.

#### 7.3 Performance Evaluation

System response time remained under 3 seconds per transaction even with large datasets.

#### 7.4 Advantages

* Reduces manual workload
* Enhances accuracy and transparency
* Provides instant access to results
* Supports secure, role-based access

#### 7.5 Limitations

* Dependent on stable internet connection
* Works best on Windows-based environments only

# CHAPTER 8: Conclusion and Future Work

#### 8.1 Conclusion

The *Student Result Management System* effectively automates result processing and enhances administrative efficiency. The project demonstrates how digital transformation can improve institutional productivity and data security.

#### 8.2 Future Enhancements

* Mobile app version for Android/iOS
* Integration with attendance and feedback systems
* Data analytics dashboard for performance insights

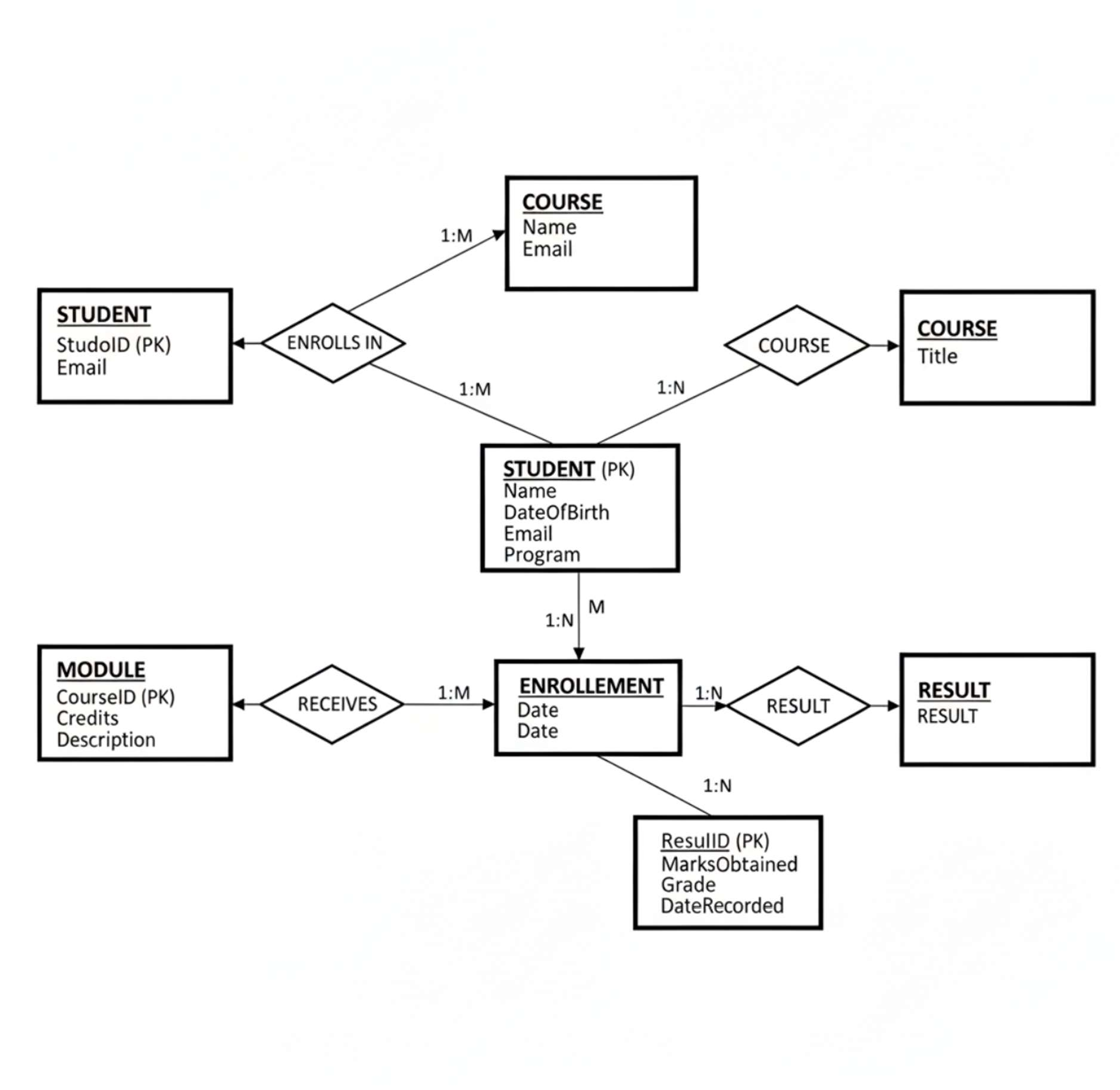
## REFERENCES

1. IEEE 830-1998 Software Requirements Specification.
2. Karl Wiegers (1999) IEEE Template.
3. ASP.NET and SQL Server Documentation.
4. Research papers on educational result automation.

## APPENDICES

(◻ **Appendix A:** Database Schema (users, students).

ER Diagram



◻ **Appendix B:** Sample student\_data.xml file.

### Users.xml

<?xml version="1.0" encoding="UTF-8"?>

<users>

<user>

<id>1</id>

<username>admin</username>

<password>$2y$12$LE6WzwaGSKoR7.1CcH/uyO89K9xO57tS4kh2pRqUJKr5zF CZ7d1ey</password>

<role>admin</role>

</user>

<user><id>2</id><username>96</username><password>$2y$12$e4TJk3wOk1YyE9 ao8/KTee0fCn88BYYTA5Jx7qJQYGTyuKMfCCdUu</password><role>student</rol e></user></users>

### Student\_data.xml

<?xml version="1.0" encoding="UTF-8"?>

<students>

<student><id>2</id><name>Drishay</name><roll\_no>84</roll\_no><ml>99</ml><s ed>99</sed><dt2>99</dt2><wt>99</wt><elective1>99</elective1><elective2>99</e lective2></student></students>

◻ **Appendix C:** Screenshots of login, dashboard, CRUD operations.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

◻

**Appendix D:** Source Code

##### Index.php

<?php session\_start();

// Redirect based on logged-in role if (isset($\_SESSION['role'])) {

if ($\_SESSION['role'] === 'admin') { header("Location: dashboard\_admin.php"); exit;

} elseif ($\_SESSION['role'] === 'student') { header("Location: dashboard\_student.php"); exit;

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Student Result Management System</title>

<link href="[https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css](https://cdn.jsdelivr.net/npm/bootstrap%405.3.3/dist/css/bootstrap.min.css)" rel="stylesheet">

<link href="[https://cdn.jsdelivr.net/npm/bootstrap-icons@1.10.5/font/bootstrap-icons.css](https://cdn.jsdelivr.net/npm/bootstrap-icons%401.10.5/font/bootstrap-icons.css)" rel="stylesheet">

<link href="[https://fonts.googleapis.com/css2?family=Inter:wght@300;400;500;600;700&display=](https://fonts.googleapis.com/css2?family=Inter%3Awght%40300%3B400%3B500%3B600%3B700&display) swap" rel="stylesheet">

<style>

:root {

--primary: #4361ee;

--secondary: #3a0ca3;

--accent: #7209b7;

--light: #f8f9fa;

--dark: #212529;

--gradient-start: #4361ee;

--gradient-end: #3a0ca3;

}

body {

font-family: 'Inter', 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif; margin: 0;

padding: 0;

line-height: 1.6;

color: #333;

}

/\* Custom Navbar \*/

.navbar-custom {

background: linear-gradient(135deg, var(--gradient-start), var(--gradient-end)); box-shadow: 0 4px 20px rgba(0,0,0,0.1);

padding: 1rem 0;

}

.navbar-brand { font-weight: 700; font-size: 1.5rem;

color: #fff !important;

}

.nav-link {

color: rgba(255,255,255,0.9) !important; font-weight: 500;

transition: all 0.3s ease; margin: 0 0.5rem;

}

.nav-link:hover {

color: #fff !important; transform: translateY(-2px);

}

/\* Hero Section \*/

.hero {

height: 85vh;

background: linear-gradient(135deg, rgba(67, 97, 238, 0.9), rgba(58, 12, 163, 0.9)), url('https://images.unsplash.com/photo-1523050854058-

8df90110c9f1?auto=format&fit=crop&w=1470&q=80') no-repeat center center/cover; display: flex;

align-items: center; position: relative; color: #fff;

}

.hero-content { position: relative; z-index: 1;

text-align: center; width: 100%;

padding: 0 20px;

}

.hero h1 {

font-size: 3.5rem; font-weight: 800;

margin-bottom: 1.5rem;

text-shadow: 2px 2px 4px rgba(0,0,0,0.3);

}

.hero p {

font-size: 1.4rem; margin-bottom: 2.5rem; font-weight: 300;

max-width: 600px; margin-left: auto; margin-right: auto;

}

.btn-hero {

min-width: 160px; margin: 0 10px; border-radius: 50px; font-size: 1.2rem; padding: 15px 30px;

transition: all 0.3s ease; font-weight: 600;

border: 2px solid transparent;

}

.btn-hero-primary { background: #fff; color: var(--primary); border-color: #fff;

}

.btn-hero-primary:hover { background: transparent; color: #fff;

border-color: #fff;

transform: translateY(-3px) scale(1.05);

box-shadow: 0 10px 30px rgba(255,255,255,0.3);

}

.btn-hero-outline { background: transparent; color: #fff;

border-color: #fff;

}

.btn-hero-outline:hover { background: #fff; color: var(--primary);

transform: translateY(-3px) scale(1.05);

box-shadow: 0 10px 30px rgba(255,255,255,0.3);

}

/\* Features \*/

.features {

padding: 80px 15px; background: var(--light);

}

.feature-card { border: none;

border-radius: 20px;

box-shadow: 0 15px 35px rgba(0,0,0,0.1); padding: 40px 30px;

text-align: center; transition: all 0.3s ease; background: #fff; height: 100%;

}

.feature-card:hover {

transform: translateY(-10px) scale(1.02); box-shadow: 0 20px 40px rgba(0,0,0,0.15);

}

.feature-card i { font-size: 3.5rem;

background: linear-gradient(135deg, var(--gradient-start), var(--gradient-end));

-webkit-background-clip: text;

-webkit-text-fill-color: transparent; margin-bottom: 20px;

display: inline-block;

}

.feature-card h4 { color: var(--dark); font-weight: 600;

margin-bottom: 15px;

}

.feature-card p { color: #666; font-size: 1rem;

}

/\* Info Section \*/

.info-section { padding: 80px 15px; background: #fff;

}

.info-section h3 {

color: var(--primary); font-weight: 700; margin-bottom: 30px;

}

.info-section ul { list-style: none; padding: 0;

}

.info-section ul li { padding: 10px 0; font-size: 1.1rem; color: #555;

}

.info-section ul li:before { content: "✓";

color: var(--primary); font-weight: bold; margin-right: 10px;

}

/\* Footer \*/ footer {

background: linear-gradient(135deg, var(--gradient-start), var(--gradient-end)); color: #fff;

padding: 40px 0 20px;

}

.footer-content { display: flex;

justify-content: space-between; align-items: center;

flex-wrap: wrap;

gap: 20px;

}

.footer-links { display: flex; gap: 30px;

}

.footer-links a {

color: rgba(255,255,255,0.8); text-decoration: none; transition: color 0.3s ease;

}

.footer-links a:hover { color: #fff;

}

.social-links { display: flex; gap: 15px;

}

.social-links a { color: #fff;

font-size: 1.2rem;

transition: transform 0.3s ease;

}

.social-links a:hover { transform: translateY(-3px);

}

.copyright {

text-align: center; margin-top: 30px; padding-top: 20px;

border-top: 1px solid rgba(255,255,255,0.2); color: rgba(255,255,255,0.7);

}

@media (max-width: 768px) {

.hero h1 { font-size: 2.5rem; }

.hero p { font-size: 1.1rem; }

.btn-hero {

min-width: 140px; margin: 10px 5px;

font-size: 1rem; padding: 12px 25px;

}

.footer-content {

flex-direction: column; text-align: center;

}

.footer-links {

justify-content: center;

}

}

@media (max-width: 576px) {

.hero h1 { font-size: 2rem; }

.hero { height: 75vh; }

}

</style>

</head>

<body>

<!-- Navigation -->

<nav class="navbar navbar-expand-lg navbar-custom">

<div class="container">

<a class="navbar-brand" href="index.php">

u◆r·ᨾ Student Result Management

</a>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs- target="#navbarNav">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav ms-auto">

<?php if(isset($\_SESSION['user\_id'])): ?>

<?php if($\_SESSION['role'] === 'admin'): ?>

<li class="nav-item"><a class="nav-link" href="dashboard\_admin.php">Dashboard</a></li>

<li class="nav-item"><a class="nav-link" href="manage\_students.php">Manage Students</a></li>

<?php else: ?>

<li class="nav-item"><a class="nav-link" href="dashboard\_student.php">My Results</a></li>

<li class="nav-item"><a class="nav-link" href="result\_lookup.php">View Results</a></li>

<?php endif; ?>

<li class="nav-item"><a class="nav-link" href="logout.php">Logout</a></li>

<?php else: ?>

<li class="nav-item"><a class="nav-link" href="index.php">Home</a></li>

<li class="nav-item"><a class="nav-link" href="#features">Features</a></li>

<li class="nav-item"><a class="nav-link" href="#about">About</a></li>

<li class="nav-item"><a class="nav-link" href="login.php">Login</a></li>

<li class="nav-item"><a class="nav-link" href="signup.php">Signup</a></li>

<?php endif; ?>

</ul>

</div>

</div>

</nav>

<!-- Hero Section -->

<section class="hero d-flex justify-content-center align-items-center">

<div class="hero-content">

<h1>Transform Student Result Management</h1>

<p>Streamline academic records, enhance efficiency, and deliver seamless result management for institutions</p>

<div class="hero-buttons">

<a href="login.php" class="btn btn-hero btn-hero-primary">

<i class="bi bi-box-arrow-in-right"></i> Get Started

</a>

<a href="#features" class="btn btn-hero btn-hero-outline">

<i class="bi bi-play-circle"></i> Learn More

</a>

</div>

</div>

</section>

<!-- Features Section -->

<section id="features" class="features container text-center">

<div class="mb-5">

<h2 class="display-5 fw-bold mb-3" style="color: var(--primary);">Powerful Features</h2>

<p class="lead text-muted">Everything you need to manage student results securely and efficiently</p>

</div>

<div class="row g-4">

<div class="col-md-4">

<div class="feature-card">

<i class="bi bi-shield-lock"></i>

<h4>Advanced Security</h4>

<p>Role-based authentication with secure session management and encrypted data protection</p>

</div>

</div>

<div class="col-md-4">

<div class="feature-card">

<i class="bi bi-database"></i>

<h4>Smart Data Management</h4>

<p>Efficient CRUD operations with XML database for seamless student record management</p>

</div>

</div>

<div class="col-md-4">

<div class="feature-card">

<i class="bi bi-file-earmark-pdf"></i>

<h4>PDF Generation</h4>

<p>Automated PDF result generation with professional formatting and instant downloads</p>

</div>

</div>

<div class="col-md-4">

<div class="feature-card">

<i class="bi bi-graph-up"></i>

<h4>Real-time Analytics</h4>

<p>Comprehensive dashboard with performance metrics and academic progress tracking</p>

</div>

</div>

<div class="col-md-4">

<div class="feature-card">

<i class="bi bi-phone"></i>

<h4>Mobile Responsive</h4>

<p>Fully responsive design that works perfectly on all devices from desktop to mobile</p>

</div>

</div>

<div class="col-md-4">

<div class="feature-card">

<i class="bi bi-lightning"></i>

<h4>High Performance</h4>

<p>Optimized for speed with fast loading times and smooth user experience</p>

</div>

</div>

</div>

</section>

<!-- Info Section -->

<section id="about" class="info-section container">

<div class="row align-items-center">

<div class="col-lg-6 mb-5 mb-lg-0">

<img src="https://images.unsplash.com/photo-1522202176988- 66273c2fd55a?auto=format&fit=crop&w=800&q=80"

class="img-fluid rounded-3 shadow" alt="Modern Education Technology"

style="transform: perspective(1000px) rotateY(-5deg); transition: transform 0.3s

ease;">

</div>

<div class="col-lg-6">

<h3 class="display-6 fw-bold mb-4">Why Choose Our Platform?</h3>

<p class="lead mb-4">Designed for educational institutions seeking excellence in academic management. Our platform combines cutting-edge technology with user-friendly design.</p>

<ul class="list-unstyled">

<li class="mb-3">✓⬛⬛ <strong>Role-based Access Control</strong> - Separate dashboards for admins and students</li>

<li class="mb-3">⬛✓ <strong>Comprehensive Student Management</strong> - Full CRUD operations with XML database</li>

<li class="mb-3">⬛✓ <strong>Professional Result Reports</strong> - PDF generation with institutional branding</li>

<li class="mb-3">⬛✓ <strong>Modern UI/UX Design</strong> - Intuitive interface with responsive layout</li>

<li class="mb-3">⬛✓⬛ <strong>Secure Authentication</strong> - Protected login system with session management</li>

<li class="mb-3">✓⬛⬛ <strong>Scalable Architecture</strong> - Ready for institutional growth and expansion</li>

</ul>

<div class="mt-4">

<a href="signup.php" class="btn btn-primary btn-lg px-5 py-3 rounded-pill">

<i class="bi bi-rocket-takeoff"></i> Start Your Journey

</a>

</div>

</div>

</div>

</section>

<!-- Stats Section -->

<section class="py-5" style="background: linear-gradient(135deg, var(--gradient-start), var(-- gradient-end));">

<div class="container">

<div class="row text-center text-white">

<div class="col-md-3 col-6 mb-4">

<h2 class="display-4 fw-bold">1000+</h2>

<p class="mb-0">Students Managed</p>

</div>

<div class="col-md-3 col-6 mb-4">

<h2 class="display-4 fw-bold">99.9%</h2>

<p class="mb-0">Uptime Reliability</p>

</div>

<div class="col-md-3 col-6 mb-4">

<h2 class="display-4 fw-bold">24/7</h2>

<p class="mb-0">Support Available</p>

</div>

<div class="col-md-3 col-6 mb-4">

<h2 class="display-4 fw-bold">50+</h2>

<p class="mb-0">Institutions Trust Us</p>

</div>

</div>

</div>

</section>

<!-- Footer -->

<footer>

<div class="container">

<div class="footer-content">

<div class="footer-brand">

<h4 class="mb-3">ᨾ◆r·u Student Result Management</h4>

<p class="mb-0" style="color: rgba(255,255,255,0.8);"> Transforming education through innovative technology solutions

</p>

</div>

<div class="footer-links">

<a href="index.php">Home</a>

<a href="#features">Features</a>

<a href="#about">About</a>

<a href="login.php">Login</a>

<a href="signup.php">Sign Up</a>

</div>

<div class="social-links">

<a href="#" title="Facebook"><i class="bi bi-facebook"></i></a>

<a href="#" title="Twitter"><i class="bi bi-twitter"></i></a>

<a href="#" title="LinkedIn"><i class="bi bi-linkedin"></i></a>

<a href="#" title="Instagram"><i class="bi bi-instagram"></i></a>

<a href="#" title="GitHub"><i class="bi bi-github"></i></a>

</div>

</div>

<div class="copyright">

<p class="mb-0">&copy; <?php echo date("Y"); ?> Student Result Management System. All rights reserved.</p>

<p class="mb-0">Built with ’᤹᤺ for educational institutions worldwide</p>

</div>

</div>

</footer>

</body>

</html>

##### Auth.php

<?php

require\_once "includes/auth.php"; require\_admin();

$students = $db->getAllStudents();

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Admin Dashboard - Student Result Management</title>

<link href="[https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css](https://cdn.jsdelivr.net/npm/bootstrap%405.3.2/dist/css/bootstrap.min.css)" rel="stylesheet">

<link href="[https://cdn.jsdelivr.net/npm/boxicons@2.1.4/css/boxicons.min.css](https://cdn.jsdelivr.net/npm/boxicons%402.1.4/css/boxicons.min.css)" rel="stylesheet">

<style>

:root {

--primary-color: #6B73FF;

--secondary-color: #000DFF;

--light-bg: #f8f9fa;

--border-color: #e9ecef;

}

body {

background-color: var(--light-bg);

font-family: 'Segoe UI', system-ui, -apple-system, sans-serif;

}

.navbar {

background: linear-gradient(135deg, var(--primary-color) 0%, var(--secondary-color)

100%);

padding: 1rem 0;

}

.navbar-brand {

color: white !important; font-weight: 600;

font-size: 1.5rem;

}

.nav-link {

color: rgba(255, 255, 255, 0.9) !important;

font-weight: 500;

padding: 0.5rem 1rem; transition: all 0.3s ease;

}

.nav-link:hover {

color: white !important; transform: translateY(-2px);

}

.dashboard-header { background: white; border-radius: 15px; padding: 2rem; margin-bottom: 2rem;

box-shadow: 0 5px 15px rgba(0, 0, 0, 0.05);

}

.dashboard-title { color: #2c3e50; font-weight: 600;

margin: 0;

}

.btn-add-student {

background: linear-gradient(135deg, var(--primary-color) 0%, var(--secondary-color)

100%);

}

border: none;

padding: 0.75rem 1.5rem; border-radius: 10px;

font-weight: 600; transition: all 0.3s ease;

.btn-add-student:hover { transform: translateY(-2px);

box-shadow: 0 5px 15px rgba(107, 115, 255, 0.3);

}

.student-table { background: white; border-radius: 15px;

box-shadow: 0 5px 15px rgba(0, 0, 0, 0.05); overflow: hidden;

}

.table {

margin-bottom: 0;

}

.table th {

background: var(--light-bg); color: #2c3e50;

font-weight: 600;

border-bottom: 2px solid var(--border-color);

}

.table td {

vertical-align: middle; color: #2c3e50;

}

.action-btn {

padding: 0.5rem 1rem; border-radius: 8px; font-weight: 500; transition: all 0.3s ease;

}

.btn-edit {

background-color: #ffeaa7; color: #fdcb6e;

}

.btn-delete {

background-color: #ffe2e2; color: #ff7675;

}

.action-btn:hover {

transform: translateY(-2px);

}

.empty-state {

text-align: center; padding: 3rem; color: #7f8c8d;

}

.empty-state i { font-size: 4rem;

margin-bottom: 1rem; color: var(--primary-color);

}

</style>

</head>

<body>

<nav class="navbar navbar-expand-lg">

<div class="container">

<a class="navbar-brand" href="#">Admin Dashboard</a>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs- target="#navbarNav">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav ms-auto">

<li class="nav-item">

<a class="nav-link" href="dashboard\_admin.php">

<i class="bx bxs-dashboard"></i> Dashboard

</a>

</li>

<li class="nav-item">

<a class="nav-link" href="add\_student.php">

<i class="bx bx-user-plus"></i> Add Student

</a>

</li>

<li class="nav-item">

<a class="nav-link" href="logout.php">

<i class="bx bx-log-out"></i> Logout

</a>

</li>

</ul>

</div>

</div>

</nav>

<div class="container py-4">

<div class="dashboard-header d-flex justify-content-between align-items-center">

<h1 class="dashboard-title">Manage Students</h1>

<a href="add\_student.php" class="btn btn-add-student text-white">

<i class="bx bx-plus"></i> Add New Student

</a>

</div>

<div class="student-table">

<?php if (empty($students)): ?>

<div class="empty-state">

<i class="bx bx-user"></i>

<h3>No Students Found</h3>

<p>Start by adding a new student to the system.</p>

<a href="add\_student.php" class="btn btn-add-student text-white">

<i class="bx bx-plus"></i> Add Student

</a>

</div>

<?php else: ?>

<div class="table-responsive">

<table class="table table-hover">

<thead>

<tr>

<th>ID</th>

<th>Name</th>

<th>Roll No</th>

<th>ML</th>

<th>SED</th>

<th>DT-II</th>

<th>Web Tech</th>

<th>Elective-I</th>

<th>Elective-II</th>

<th>Actions</th>

</tr>

</thead>

<tbody>

<?php foreach ($students as $student): ?>

<tr>

<td><?= htmlspecialchars($student['id']) ?></td>

<td><?= htmlspecialchars($student['name']) ?></td>

<td><?= htmlspecialchars($student['roll\_no']) ?></td>

<td><?= htmlspecialchars($student['ml']) ?></td>

<td><?= htmlspecialchars($student['sed']) ?></td>

<td><?= htmlspecialchars($student['dt2']) ?></td>

<td><?= htmlspecialchars($student['wt']) ?></td>

<td><?= htmlspecialchars($student['elective1']) ?></td>

<td><?= htmlspecialchars($student['elective2']) ?></td>

<td>

<a href="edit\_student.php?id=<?= $student['id'] ?>" class="btn action-

btn btn-edit me-2">

btn btn-delete" student?')">

<i class="bx bx-edit"></i>

</a>

<a href="delete\_student.php?id=<?= $student['id'] ?>" class="btn action- onclick="return confirm('Are you sure you want to delete this

<i class="bx bx-trash"></i>

</a>

</td>

</tr>

<?php endforeach; ?>

</tbody>

</table>

</div>

<?php endif; ?>

</div>

</div>

<script src="[https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js](https://cdn.jsdelivr.net/npm/bootstrap%405.3.2/dist/js/bootstrap.bundle.min.js)"></script>

</body>

</html>

##### Signup.php

<?php session\_start();

if (!isset($\_SESSION['user\_id']) || $\_SESSION['role'] !== 'admin') { header("Location: login.php");

exit;

}

require\_once "includes/db.php";

$students = $conn->query("SELECT \* FROM students ORDER BY id DESC")-

>fetchAll(PDO::FETCH\_ASSOC);

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Manage Students - Admin Panel</title>

<link href="[https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css](https://cdn.jsdelivr.net/npm/bootstrap%405.3.2/dist/css/bootstrap.min.css)" rel="stylesheet">

<style>

body { background: #f4f6f9; }

.navbar { background: linear-gradient(90deg, #007bff, #0dcaf0); }

.navbar-brand, .nav-link { color: #fff !important; font-weight: 500; }

.card { border-radius: 15px; box-shadow: 0 4px 12px rgba(0,0,0,0.1); }

.btn-sm { border-radius: 8px; }

</style>

</head>

<body>

<nav class="navbar navbar-expand-lg">

<div class="container-fluid">

<a class="navbar-brand" href="#">Admin Panel</a>

<div class="collapse navbar-collapse">

<ul class="navbar-nav ms-auto">

<li class="nav-item"><a class="nav-link" href="dashboard\_admin.php">Dashboard</a></li>

<li class="nav-item"><a class="nav-link" href="add\_student.php">Add Student</a></li>

<li class="nav-item"><a class="nav-link active" href="manage\_students.php">Manage Students</a></li>

<li class="nav-item"><a class="nav-link" href="logout.php">Logout</a></li>

</ul>

</div>

</div>

</nav>

<div class="container py-4">

<div class="card p-4">

<h3 class="fw-bold mb-3">Manage Students</h3>

<table class="table table-hover table-striped align-middle">

<thead class="table-primary">

<tr>

<th>ID</th>

<th>Name</th>

<th>Roll</th>

<th>Machine Learning</th>

<th>SED</th>

<th>DT-II</th>

<th>Web Tech</th>

<th>Elective-I</th>

<th>Elective-II</th>

<th>Actions</th>

</tr>

</thead>

<tbody>

<?php foreach ($students as $s): ?>

<tr>

<td><?= $s['id']; ?></td>

<td><?= htmlspecialchars($s['name']); ?></td>

<td><?= htmlspecialchars($s['roll\_number']); ?></td>

<td><?= $s['ml']; ?></td>

<td><?= $s['sed']; ?></td>

<td><?= $s['dt2']; ?></td>

<td><?= $s['wt']; ?></td>

<td><?= $s['elective1']; ?></td>

<td><?= $s['elective2']; ?></td>

<td>

<a href="edit\_student.php?id=<?= $s['id']; ?>" class="btn btn-warning btn- sm">Edit</a>

<a href="delete\_student.php?id=<?= $s['id']; ?>" class="btn btn-danger btn-sm" onclick="return confirm('Delete this student?')">Delete</a>

<a href="view\_result.php?id=<?= $s['id']; ?>" class="btn btn-info btn-sm">View</a>

</td>

</tr>

<?php endforeach; ?>

</tbody>

</table>

</div>

</div>

</body>

</html>