A MINI PROJECT REPORT

STUDENT RESULT MANAGEMENT SYSTEM

Submitted by

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In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

RAMCO INSTITUTE OF TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

RAJAPALAYAM-626 117

ANNA UNIVERSITY:: CHENNAI 600 025

APRIL 2025

ANNA UNIVERSITY, CHENNAI

BONAFIED CERTIFICATE

Certified that this Report titled "Student Result Management System" is the bonafide workof **KIRRAN S T(953623205025),HARISH KRISHNAN P (953623205018), BALASHANKAR R (953623205006)** who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

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Rajapalayam-626 112.

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Associate Professor,

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Submitted for the Project Viva-Voce held on……..

Internal Examiner **External Examiner**

DECLARATION

We hereby declare that the project work entitled "**Student Result Management System**" has been submitted by us**,** in the partial fulfillment of the requirement for the award of the degree of Bachelor of Technology – Information Technology. We further declare that the contents, statements and other relevant matters are true to the best of our knowledge.

Place : Rajapalaym.
Date: / /2025.

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SIGNATURE

ABSTRACT

The *Student Result Management System* is a web-based application designed to streamline and digitalize the academic result management process for educational institutions. The primary objective of this system is to enable students to access their academic performance securely and efficiently from anywhere, at any time, using internet-enabled devices.

This system eliminates the manual effort of maintaining result records, reduces errors in mark entry, and provides a centralized platform for result viewing and revaluation requests. Students can log in using their credentials to view subject-wise marks and revaluation status, and also request revaluation directly through the portal. Staff members are provided with a secured login to manage student results and monitor revaluation applications.

Developed using PHP and MySQL for backend operations, and HTML, CSS for frontend presentation, the system ensures data integrity, user authentication, and a responsive user interface. With real-time access to result data, students can track their academic progress and make informed decisions about revaluation or academic improvement.

This Student Result Management System serves as an efficient, user-friendly, and paperless solution for academic institutions aiming to modernize their result processing workflow with minimal human effort and maximum transparency.

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INTRODUCTION

In the modern educational environment, the need for efficient digital solutions to manage academic processes has become essential. One such critical requirement is the automation of student result management. The *Student Result Management System* is a web-based application designed to help institutions securely manage and publish student academic results with ease and accuracy.

This system enables students to log in using their institution-provided credentials and access their subject-wise marks, track performance over time, and request revaluation if necessary. Staff members can securely log in to update student marks, manage result records, and handle revaluation requests in a streamlined manner.

The traditional manual process of result recording, calculation, and distribution is time-consuming, error-prone, and lacks accessibility. By digitizing this workflow, the system improves transparency, reduces administrative workload, and provides instant access to academic data from any internet-connected device.

Built using PHP and MySQL for backend operations, along with HTML, CSS, and JavaScript for frontend design, the system ensures user authentication, data integrity, and a responsive interface. It is tailored for colleges and academic institutions aiming to offer students a modern, centralized, and efficient result management experience.

The primary objective of this project is to deliver a secure, scalable, and user-friendly platform that allows seamless management of academic results for both students and faculty, with minimal manual intervention.

1.1 Problem Definition

In many educational institutions, managing and publishing student academic results is still done manually using paper-based records or offline spreadsheets. This traditional method is time-consuming, error-prone, and lacks accessibility. Manual data entry and calculations often result in inaccuracies, delayed result announcements, and administrative overhead.

Students have limited access to their results and are often required to visit college notice boards or administrative offices to obtain their performance details. There is also no centralized system for handling revaluation requests, making the entire process inconvenient for both students and staff.

In today's digital era, where remote access and automation are essential, such practices are no longer efficient or sustainable. There is a pressing need for a system that ensures secure result storage, instant access, automated updates, and smooth handling of revaluation workflows.

The **Student Result Management System** aims to resolve these challenges by providing a centralized, web-based solution. It automates result generation, enables secure login for students and staff, and facilitates fast, error-free management of academic records with the ability to view, update, and request revaluation—all in a streamlined, digital environmen
on.

1.1 Existing System:

In the current academic environment, many institutions still rely on traditional, manual methods for managing student results. Marks are recorded on paper or stored in spreadsheets, and final results are processed and published through physical notice boards or printed reports. This approach is inefficient, time-consuming, and prone to human error.

Staff members must manually calculate grades, verify student data, and handle revaluation requests through in-person submissions or paperwork. These procedures lead to delays in result publication, miscommunication, and difficulties in tracking student performance over time. Additionally, there is no provision for students to access their results remotely, making it inconvenient and non-transparent.

Even in some semi-digital systems, there is a lack of integration and automation. Result data is not centralized, making it harder for staff to update or review academic records efficiently. Security of data and privacy of student information also remain significant concerns.

Due to these limitations, the existing system does not support real-time result access, online revaluation processes, or efficient data management. Therefore, a more modern, user-friendly, and secure digital platform is necessary to overcome these shortcomings and provide better academic result management for both students and staff.

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1.2 Proposed System

The proposed **Student Result Management System** is a web-based platform developed to replace traditional, manual result handling with a modern, efficient, and accessible digital solution. This system allows educational institutions to manage student academic records, publish results, and process revaluation requests seamlessly through an online interface.

Students can log in securely using their credentials to view their academic results from anywhere, anytime. They can also submit revaluation requests online, removing the need for physical forms and in-person visits. The system ensures quick access to marks, subject-wise breakdowns, and revaluation status in a structured and user-friendly format.

Staff members can securely log into their portal to update student marks, manage subjects, and monitor revaluation requests. The centralized database stores student records, result entries, and revaluation details, enabling efficient data retrieval and reporting.

Key advantages of the proposed system include:

- Centralized and secure result storage
- Easy access to results from any device with internet
- Real-time updates on revaluation status
- Elimination of paperwork and manual data entry errors
- Streamlined administrative tasks for staff

Developed using **HTML, CSS, JavaScript, PHP, and MySQL**, this system ensures secure login, responsive design, and robust backend performance. It provides a scalable, user-friendly, and efficient approach to managing student academic data, ensuring accuracy, accessibility, and transparency in result processing

1.3 Literature Review

Over the years, the integration of digital technology into education has significantly influenced how academic records and student performance are managed. Traditional methods of result processing—manual entry, paper-based record-keeping, and offline revaluation applications—are increasingly viewed as inefficient, error-prone, and time-consuming.

Multiple studies and institutional projects have explored ways to automate result management systems to ensure accuracy, transparency, and accessibility. Research emphasizes that digital result management reduces administrative workload, minimizes human error, and provides instant access to academic data for both students and faculty.

In the study **"Design and Implementation of a Student Result Management System"** by P. Chukwudebe et al., the authors proposed a centralized platform that stores, retrieves, and updates student grades. Their findings showed increased efficiency in result publishing and a reduction in staff workload.

Similarly, the paper **"Web-Based Academic Result Processing System"** by E.O. Olaniyi and A.A. Adeyemo focused on developing a secure and accessible platform that allows students to check results online and request corrections. The research highlighted improved turnaround time and reduced paperwork.

Several institutions use platforms like **ERP Campus, Fedena**, and **Moodle** for managing student data, but many of these systems lack tailored features for revaluation tracking, departmental customization, and lightweight performance on limited infrastructure. This creates a need for customized, institution-specific solutions.

The existing literature strongly supports the development of a **web-based student result management system** that incorporates login authentication, online result viewing, revaluation requests, and secure data storage. The proposed system in this project builds upon these principles, using technologies such as **PHP, MySQL, HTML, CSS, and JavaScript** to offer a robust and user-friendly solution for academic performance tracking.

2.System Requirements

2.1 Hardware & Software Requirements

Hardware Requirements:

Component	Minimum Requirement
Processor (CPU)	Intel Core i3 or equivalent and above
RAM	4 GB minimum (8 GB recommended)
Hard Disk	250 GB HDD or SSD (for better performance)
Monitor	15.6" display or higher
Input Devices	Keyboard and Mouse
Internet Connection	Required for hosting or online deployment
Server	Localhost (XAMPP/WAMP) or Web Hosting Server

Software Requirements:

Software	Description / Version
Operating System	Windows 10/11, Linux (Ubuntu), or macOS
Web Browser	Google Chrome, Mozilla Firefox, or Microsoft Edge
Web Server	XAMPP / WAMP / LAMP (Apache Server)
Programming Language	PHP 7.4 or above
Frontend Technologies	HTML5, CSS3, JavaScript
Database	MySQL (MariaDB also supported via XAMPP)
Code Editor / IDE	Visual Studio Code, Sublime Text, or Notepad++

2.2 Software Requirements Specification (SRS):

The Software Requirements Specification (SRS) defines the functional and non-functional requirements for the **Student Result Management System**. It provides a complete description of the system's behavior, features, and constraints to ensure clarity in development and testing.

Functional Requirements:

- User Registration & Login
- Student Result Viewing.
- Result Management (Staff)
- Revaluation Request Submission
- Revaluation Monitoring (Staff)

3. System Design

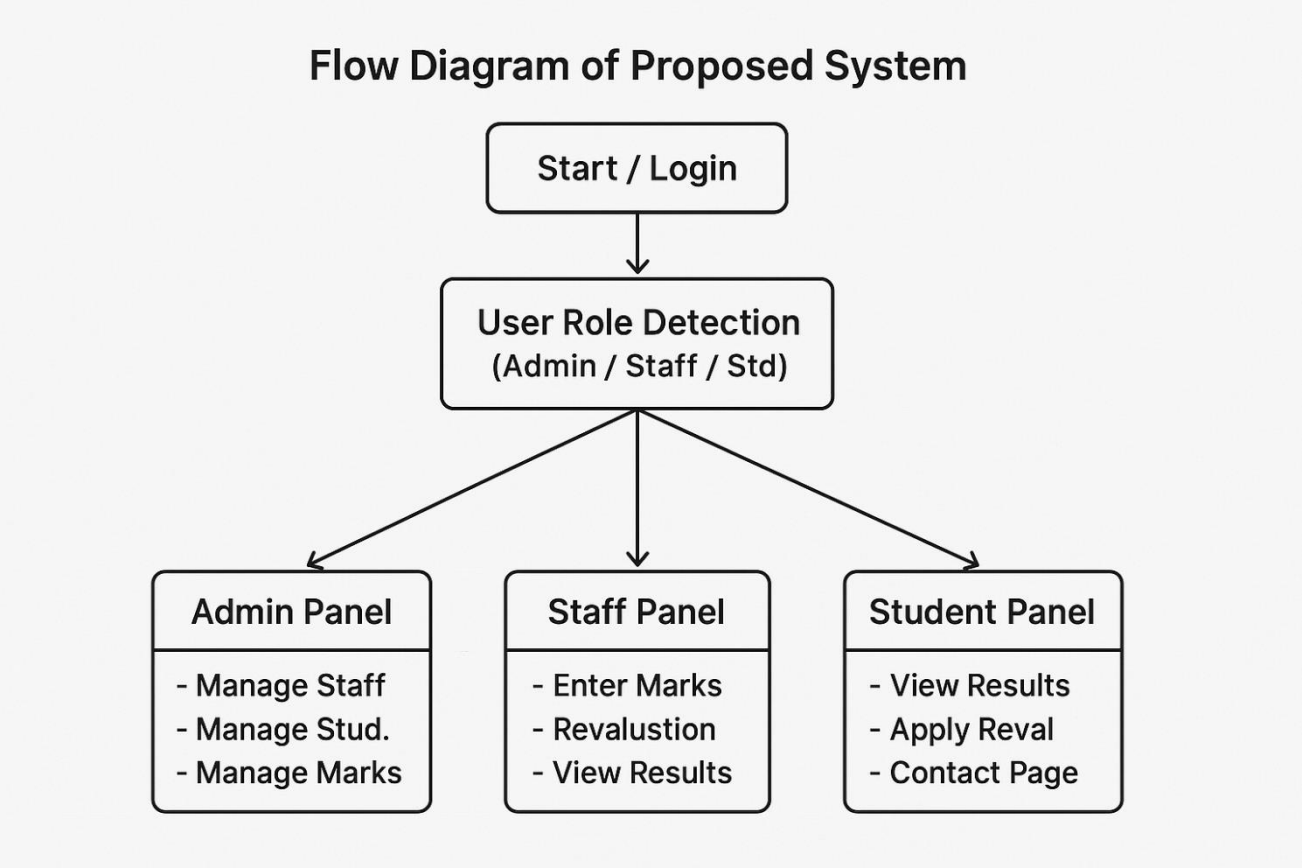
The Student Result Management System follows a client-server architecture where students and staff interact through a web-based interface. The system is developed using HTML, CSS, and PHP on the frontend and uses MySQL as the backend database.

3.1 Proposed System – Modules of the System

The system is divided into the following key modules:

- User Management Module**:**
- Question Bank Module
- Examination Module
- Evaluation and Result Module
- Admin Dashboard Module
- Reporting Module

3.2 UML Diagrams / Flow Diagram of Proposed System:



4. Implementation / Methodology

4.1 Front-End Development

- **HTML5/CSS3** – for structuring and styling the web pages.
- **JavaScript** – for dynamic functionality (e.g., countdown timer, form validation).
- **Responsive Design** – to support desktops, tablets, and smartphones.

4.2 Back-End Development

- **PHP** is used as the server-side scripting language.
- **MySQL** is used for the relational database management.

4.2 Code:

Creation of database and tables:

```
CREATE DATABASE IF NOT EXISTS result_system;
USE result_system;

CREATE TABLE IF NOT EXISTS students (
  id INT AUTO_INCREMENT PRIMARY KEY,
  name VARCHAR(100),
  reg_no VARCHAR(50) UNIQUE,
  password VARCHAR(255)
);

CREATE TABLE IF NOT EXISTS staff (
  id INT AUTO_INCREMENT PRIMARY KEY,
  username VARCHAR(50),
  password VARCHAR(255)
);

CREATE TABLE IF NOT EXISTS results (
  id INT AUTO_INCREMENT PRIMARY KEY,
  reg_no VARCHAR(50),
  subject VARCHAR(100),
  marks INT,
  revaluation_status VARCHAR(100) DEFAULT 'Not Applied'
);

CREATE TABLE IF NOT EXISTS revaluation_requests (
  id INT AUTO_INCREMENT PRIMARY KEY,
  reg_no VARCHAR(50),
  subject VARCHAR(100),
  reason TEXT,
  submitted_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);

-- Sample data
INSERT INTO students (name, reg_no, password) VALUES
('Kirran S T', 'S001', 'pass123');

INSERT INTO staff (username, password) VALUES
('admin', 'admin123');

INSERT INTO results (reg_no, subject, marks, revaluation_status) VALUES
('S001', 'web', 85, 'Not Applied'),
('S001', 'java', 78, 'Revaluation Requested');
```

```
INSERT INTO students (name, reg_no, password) VALUES
('Balashankar R', 'S002', 'pass345');

INSERT INTO staff (username, password) VALUES
('admin', 'admin123');

INSERT INTO results (reg_no, subject, marks, revaluation_status) VALUES
('S002', 'c', 88, 'Not Applied'),
('S002', 'Python’, 95, 'Revaluation Requested');

INSERT INTO students (name, reg_no, password) VALUES
('Harish', 'S003', 'pass1567');

INSERT INTO staff (username, password) VALUES
('admin', 'admin123');

INSERT INTO results (reg_no, subject, marks, revaluation_status) VALUES
('S001', 'AIML', 80, 'Not Applied'),
('S001', 'toc', 85, 'Revaluation Requested');
```

PHP code:

index.php:

```
<!DOCTYPE html>
<html>
<head>
  <title>Home - Student Result System</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <header>
    <div class="header-left">
      <img src="logo.jpg" alt="RIT Logo" class="logo">
      <h1>Ramco Institute of Technology</h1>
    </div>
  </header>
  <nav>
    <a href="index.php">Home</a>
    <a href="student.php">Student</a>
    <a href="staff.php">Staff</a>
    <a href="revaluation.php">Revaluation</a>
    <a href="contact.php">Contact</a>
  </nav>
  <div class="container">
    <h2>Welcome to Ramco Institute Of Technology Student Result Management System</h2>
    <p>This portal allows students to view their academic results and staff to manage student
marks and revaluation requests efficiently.</p>
```

```
    <h3>Mission</h3>
    <ul>
      <li>To offer higher education in Engineering and Technology with highest level of quality, Professionalism and ethical standards</li>
      <li>To equip the students with up-to-date knowledge in cutting-edge technologies, wisdom, creativity and passion for innovation, and life-long learning skills.</li>
      <li>To constantly motivate and involve the students and faculty members in the education process for continuously improving their performance to achieve excellence.</li>
    </ul>
    <h3>Vission</h3>
    <p>To evolve as an Institute of international repute in offering high-quality technical education, Research and extension programmes in order to create knowledgeable, professionally competent and skilled Engineers and Technologists capable of working in multi-disciplinary environment to cater to the societal needs.</p>
    <h3>About Ramco Institute of Technology</h3>
    <p>Ramco Institute of Technology is founded with a vision to impart high quality engineering education at an affordable cost. Under the able guidance of our Chairman Shri.P.R.Venketrama Raja, son of Shri P. R. Ramasubrahmaneya Rajha; distinguished professionals, academicians and education experts, we continually aim to revolutionize the learning environment by creating an enviable knowledge pool of engineering and technology graduates who are attuned to the current industry requirements.
Being part of the Ramco Group, which is well known for its qualitative and innovative brands not only in India but across the world, we are looked upon to set high standards in the education sector. True to its legacy, RIT has embarked on a mission to empower students with high-quality, accessible yet world-class engineering education and prepare these young minds for lifelong learning by creating and disseminating appropriate knowledge.</p>
    <h3>Departments</h3>
    <ul>
      <li>Civil Engineering</li>
<li>Computer Science & Engg</li>
<li>Electrical & Electronics Engg.</li>
<li>Electronics & Communication Engg.</li>
<li>Mechanical Engineering</li>
<li>B.Tech Artificial Intelligence and Data Science</li>
<li>B.Tech. Computer Science and Business Systems</li>
<li>B.Tech. Information Technology</li>
<li>Science & Humanities</li>
</ul>
  </div>
  <footer>
    <p>&copy; 2025 Ramco Institute of Technology | Student Result Management System</p>
  </footer>
</body>
</html>
```

student.php:

```
<?php
$conn = new mysqli("localhost", "root", "", "result_system");
$msg = "";
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
  $reg = $_POST['reg_no'];
  $pass = $_POST['password'];
  $res = $conn->query("SELECT * FROM students WHERE reg_no='$reg' AND
password='$pass'");
  if ($res->num_rows === 1) {
    $results = $conn->query("SELECT * FROM results WHERE reg_no='$reg'");
  } else {
    $msg = "Invalid login.";
  }
}
?>
<!DOCTYPE html>
<html>
<head>
  <title>Student Panel</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
<header><div class="header-left"><img src="logo.jpg" class="logo"><h1>Ramco Institute of
Technology</h1></div></header>
<nav><a href="index.php">Home</a><a href="student.php">Student</a><a
href="staff.php">Staff</a><a href="revaluation.php">Revaluation</a><a
href="contact.php">Contact</a></nav>
<div class="container">
<h2>Student Login</h2>
<p>Use your register number and password provided by the institution to view your academic
performance.</p>
<form method="post">
  <input name="reg_no" placeholder="Register Number" required>
  <input type="password" name="password" placeholder="Password" required>
  <button type="submit">Login</button>
</form>
<?php
if (!empty($msg)) echo "<p style='color:red;'>$msg</p>";
if (isset($results)) {
  echo "<h3>Your
Results</h3><table><tr><th>Subject</th><th>Marks</th><th>Revaluation</th></tr>";
  while ($row = $results->fetch_assoc()) {
    echo
"<tr><td>{$row['subject']}</td><td>{$row['marks']}</td><td>{$row['revaluation_status']}</t
d></tr>";
  }
  echo "</table>";
```

```
}
?>
<p>Note: You can apply for revaluation by navigating to the 'Revaluation' tab.</p>
</div>
<footer><p>&copy; 2025 Ramco Institute of Technology</p></footer>
</body>
</html>
```

staff.php:

```
<?php
$conn = new mysqli("localhost", "root", "", "result_system");
$msg = "";
$loggedIn = false;
$results = null;
$reval = null;

if ($_SERVER['REQUEST_METHOD'] === 'POST') {
  $user = $_POST['username'];
  $pass = $_POST['password'];
  $res = $conn->query("SELECT * FROM staff WHERE username='$user' AND
password='$pass'");
  if ($res->num_rows === 1) {
    $loggedIn = true;
    $results = $conn->query("SELECT * FROM results");
    $reval = $conn->query("SELECT * FROM revaluation_requests");
  } else {
    $msg = "Invalid login.";
  }
}
?>
<!DOCTYPE html>
<html>
<head>
  <title>Staff Panel</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
<header><div class="header-left"><img src="logo.jpg" class="logo"><h1>Ramco Institute of
Technology</h1></div></header>
<nav><a href="index.php">Home</a><a href="student.php">Student</a><a
href="staff.php">Staff</a><a href="revaluation.php">Revaluation</a><a
href="contact.php">Contact</a></nav>
<div class="container">
<h2>Staff Login</h2>
<p>Only authorized staff members are allowed to access student results and revaluation
requests.</p>
<form method="post">
  <input name="username" placeholder="Username" required>
```

```
  <input type="password" name="password" placeholder="Password" required>
  <button type="submit">Login</button>
</form>
<?php
if (!empty($msg)) echo "<p style='color:red;'>$msg</p>";
if ($loggedIn) {
  echo "<h3>All Results</h3><table border='1'><tr><th>Reg
No</th><th>Subject</th><th>Marks</th><th>Revaluation</th></tr>";
  while ($row = $results->fetch_assoc()) {
    echo
"<tr><td>{$row['reg_no']}</td><td>{$row['subject']}</td><td>{$row['marks']}</td><td>{$r
ow['revaluation_status']}</td></tr>";
  }
  echo "</table>";
  echo "<h3>Revaluation Requests</h3><table border='1'><tr><th>Reg
No</th><th>Subject</th><th>Reason</th><th>Date</th></tr>";
  while ($row = $reval->fetch_assoc()) {
    echo
"<tr><td>{$row['reg_no']}</td><td>{$row['subject']}</td><td>{$row['reason']}</td><td>{$r
ow['submitted_at']}</td></tr>";
  }
  echo "</table>";
}
?>
</div>
<footer><p>&copy; 2025 Ramco Institute of Technology</p></footer>
</body>
</html>
```

Revaluation.php:

```
<?php
$conn = new mysqli("localhost", "root", "", "result_system");
$msg = "";
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
  $reg = $_POST['reg_no'];
  $subject = $_POST['subject'];
  $reason = $_POST['reason'];
  $conn->query("INSERT INTO revaluation_requests (reg_no, subject, reason) VALUES ('$reg',
'$subject', '$reason')");
  $msg = "Revaluation request submitted successfully.";
}
?>
<!DOCTYPE html>
<html>
<head>
  <title>Revaluation Request</title>
  <link rel="stylesheet" href="style.css">
</head>
```

```
<body>
  <header>
    <div class="header-left">
      <img src="logo.jpg" alt="RIT Logo" class="logo">
      <h1>Ramco Institute of Technology</h1>
    </div>
  </header>
  <nav>
    <a href="index.php">Home</a>
    <a href="student.php">Student</a>
    <a href="staff.php">Staff</a>
    <a href="revaluation.php">Revaluation</a>
    <a href="contact.php">Contact</a>
  </nav>
  <div class="container">
    <h2>Revaluation Request Form</h2>
    <form method="post">
      <input name="reg_no" placeholder="Register Number" required>
      <input name="subject" placeholder="Subject Name" required>
      <textarea name="reason" placeholder="Reason for Revaluation" required></textarea>
      <button type="submit">Submit Request</button>
    </form>
    <?php if (!empty($msg)) echo "<p style='color: green;'>$msg</p>"; ?>
    <h3>Revaluation Rules</h3>
    <ul>
      <li>Revaluation can be applied only within 7 days from the result declaration.</li>
      <li>Only theory papers are eligible for revaluation.</li>
      <li>Students must submit valid reasons for the request.</li>
      <li>Fee per subject is ₹500.</li>
      <li>Once submitted, no cancellation will be permitted.</li>
    </ul>
  </div>
  <footer>
    <p>&copy; 2025 Ramco Institute of Technology | Student Result Management System</p>
  </footer>
</body>
</html>
```

contact.php:

```
<!DOCTYPE html>
<html>
<head>
  <title>Contact Us</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
<header><div class="header-left"><img src="logo.jpg" class="logo"><h1>Ramco Institute of
Technology</h1></div></header>
```

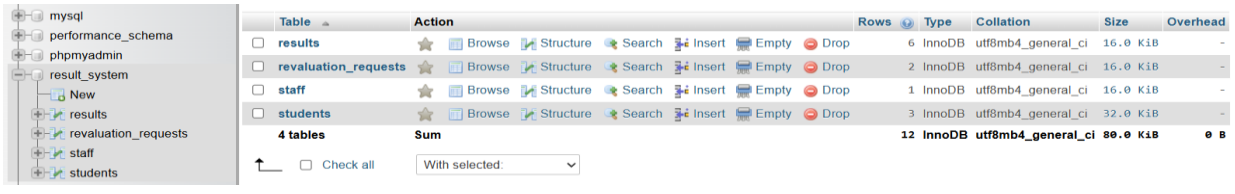
```
<nav><a href="index.php">Home</a><a href="student.php">Student</a><a
href="staff.php">Staff</a><a href="revaluation.php">Revaluation</a><a
href="contact.php">Contact</a></nav>
<div class="container">
<h2>Contact Us</h2>
<p>If you have any queries or face any issues with the system, please feel free to contact us.</p>
<ul>
  <li>Email: rit@ritrjpm.ac.in</li>
  <li>Phone: 04563 233400</li>
  <li>Address: Ramco Institute of Technology, Rajapalayam, Tamil Nadu, India</li>
  <li>Office Hours: 9:00 AM - 5:00 PM (Monday to Saturday)</li>
</ul>
</div>
<footer><p>&copy; 2025 Ramco Institute of Technology</p></footer>
</body>
</html>
```

5. Experimental Results:

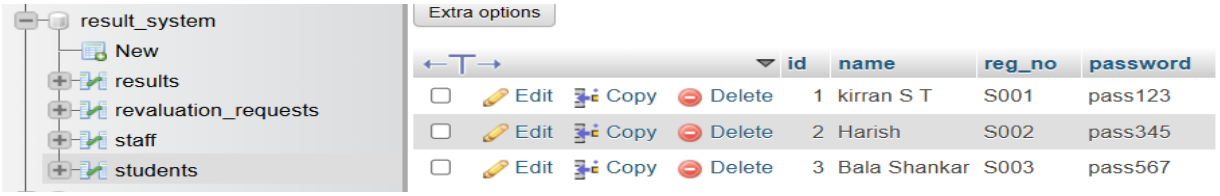
The Student Result Management System was tested in a controlled environment with a sample group of users, including students, staff, and an administrator. The system's functionality, accuracy, and usability were evaluated across various scenarios, such as result entry, result viewing, revaluation requests, and admin-level controls.Performance was assessed in terms of response time, data integrity, and error handling. The interface was tested for ease of navigation and user-friendliness. Feedback from the users indicated that the system effectively met the core requirements and provided a smooth and reliable experience for managing academic results.

5.1 Output Screen:

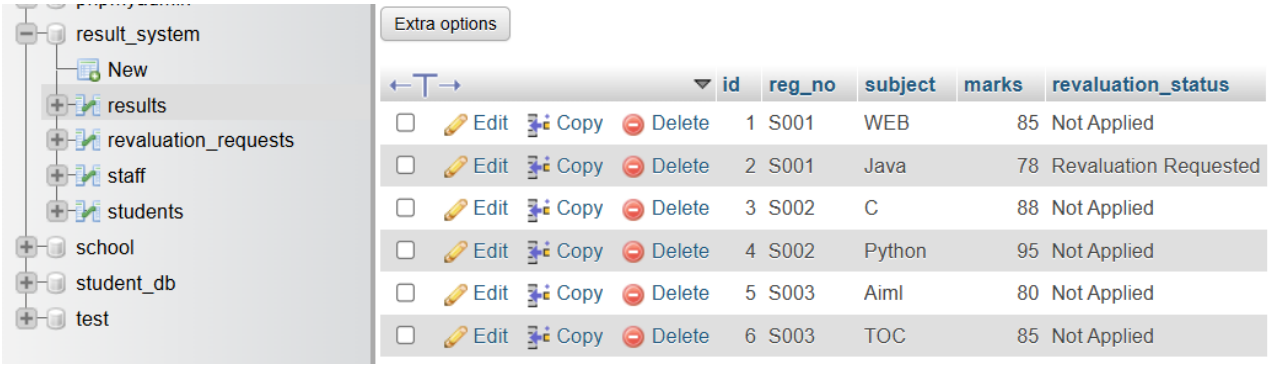
Database Created:



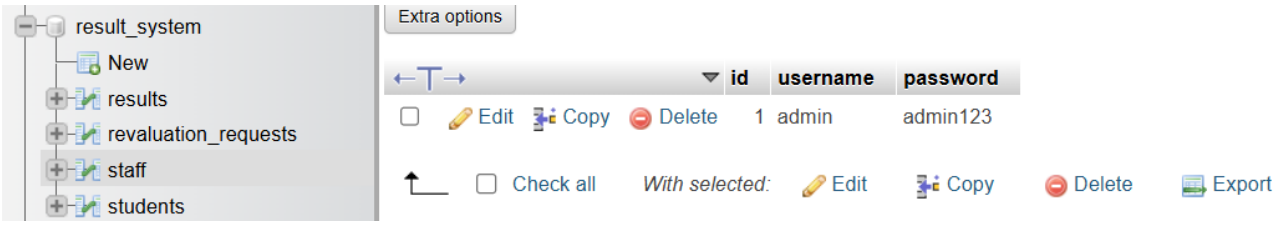
Add student in the database:



Add result in the database:



Add staff in the database:



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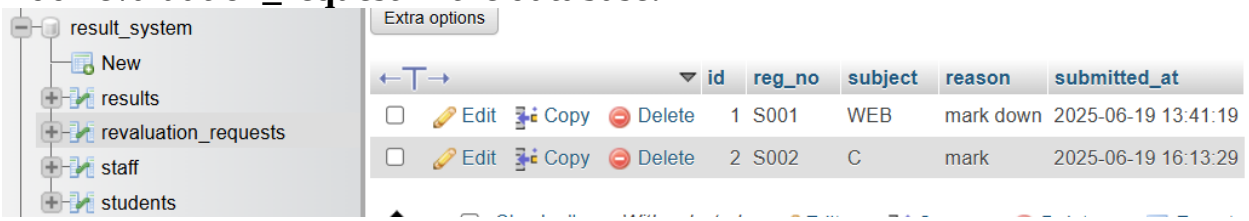
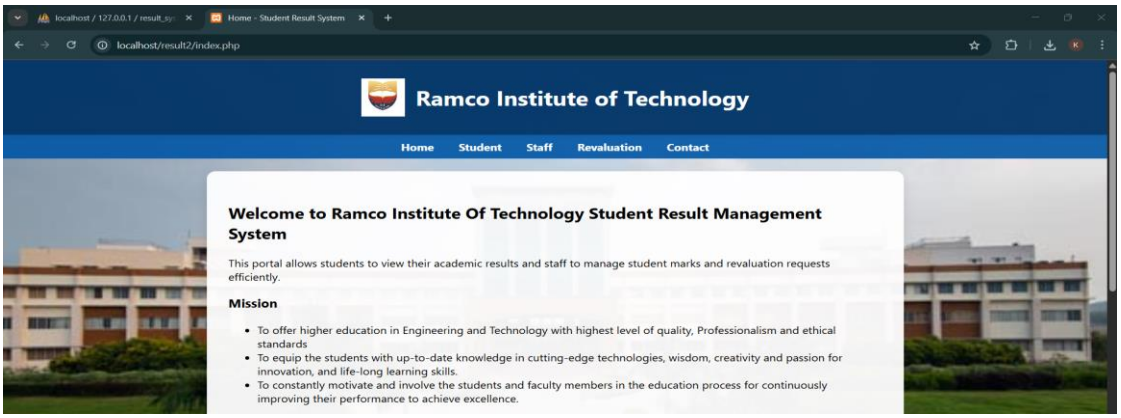
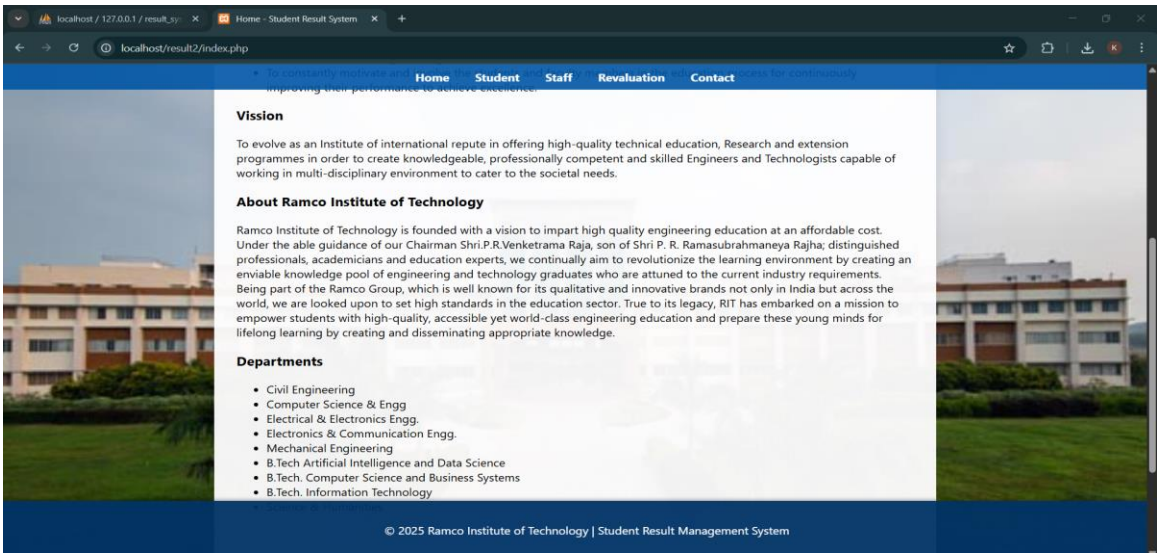


Website:

Home page:





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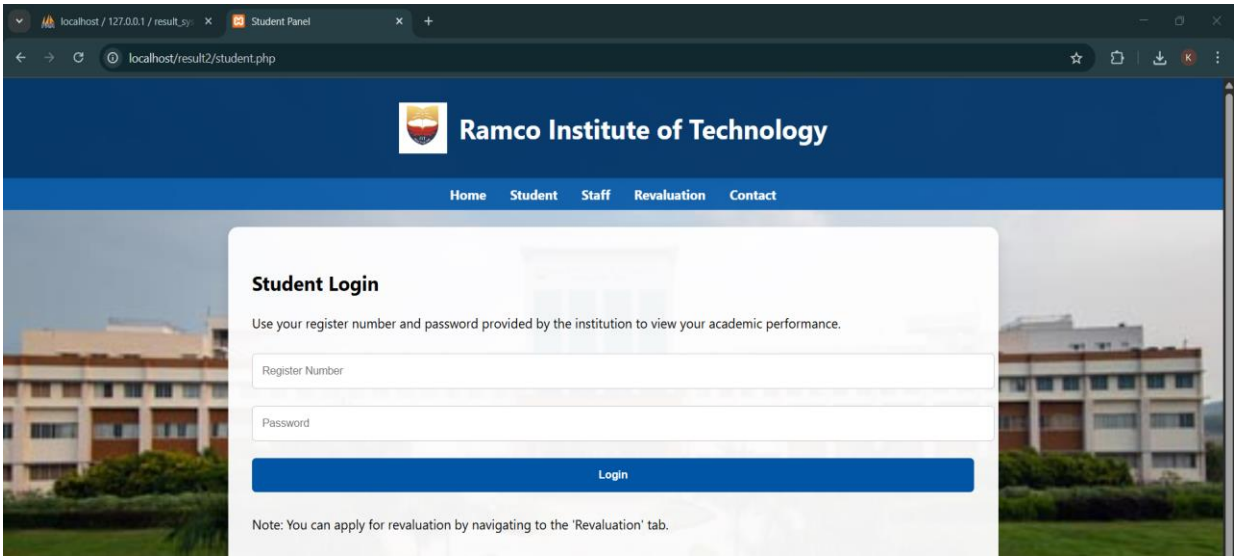

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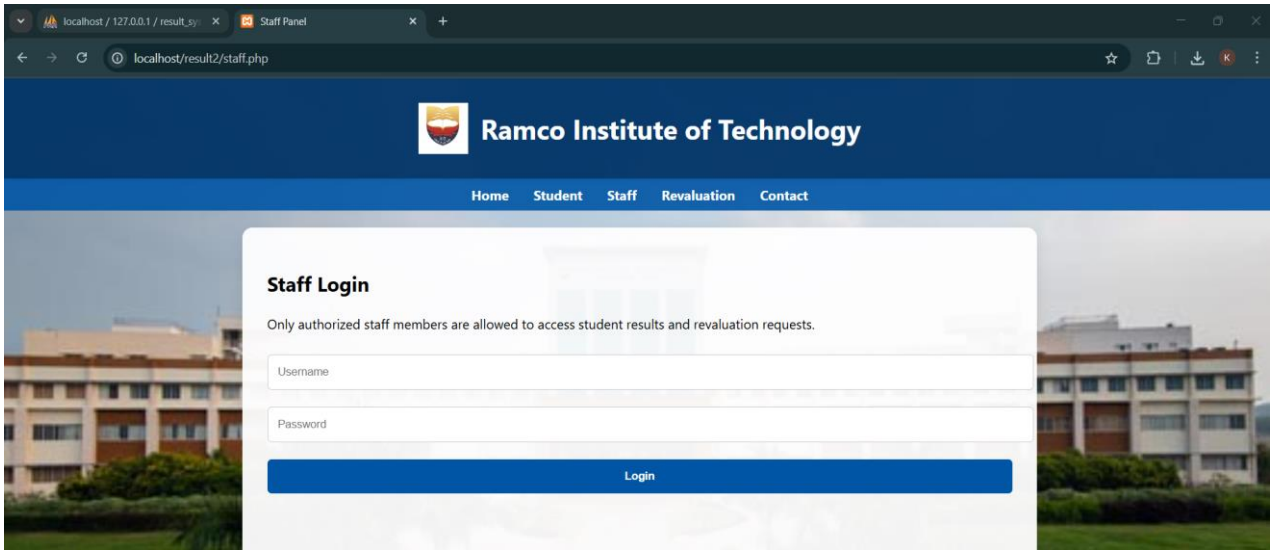

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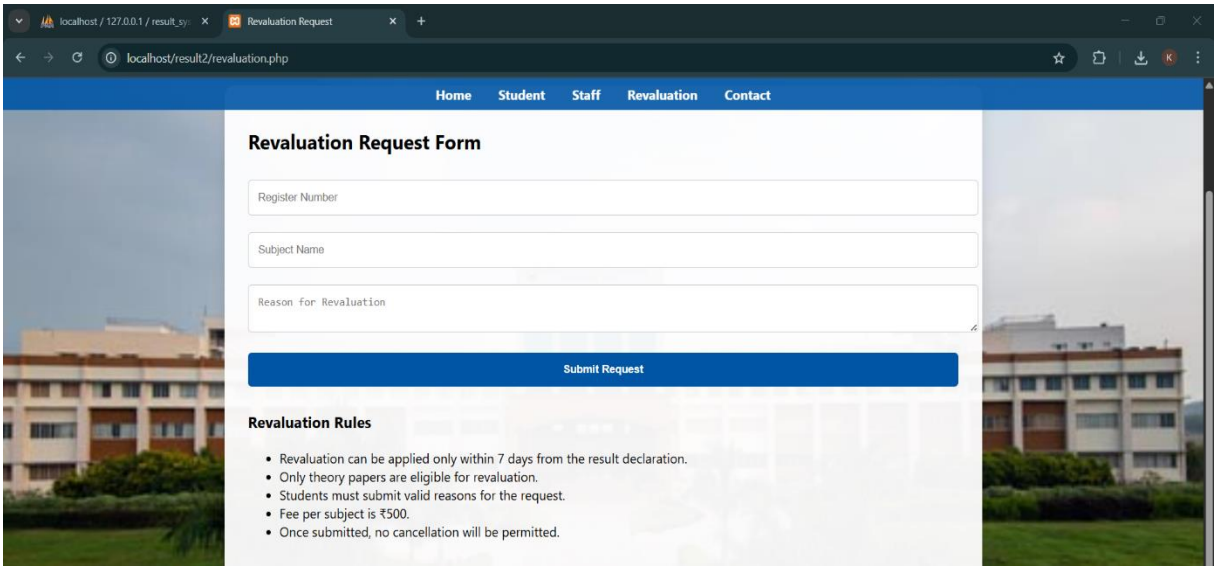
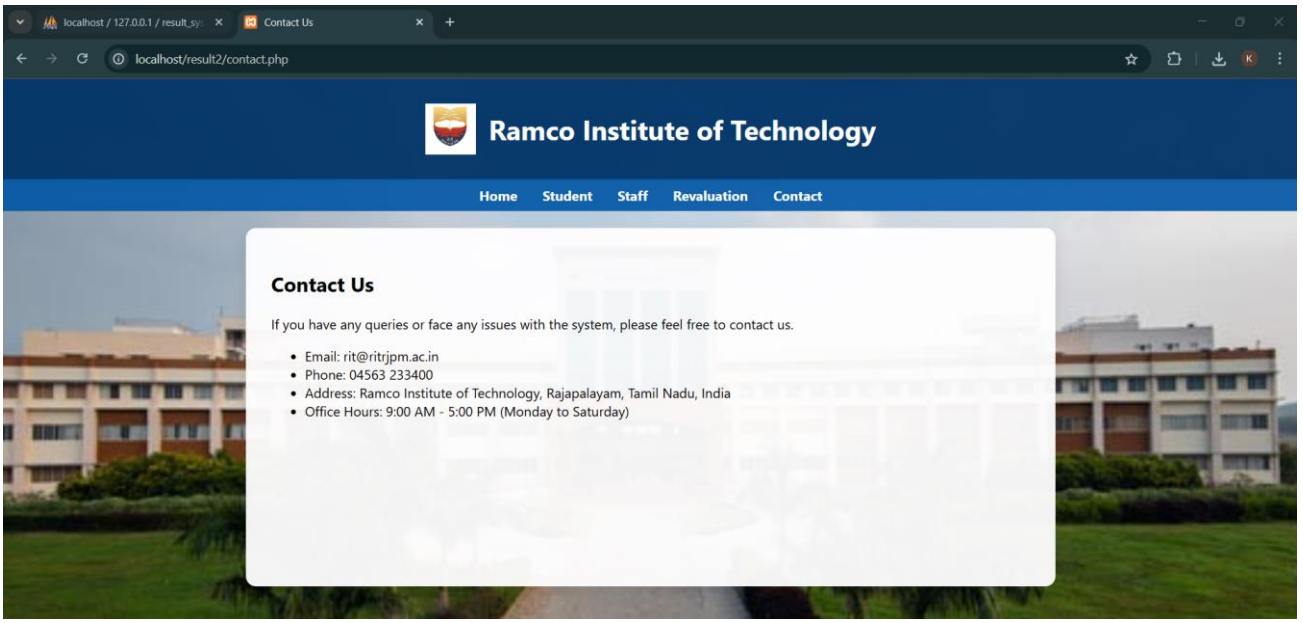
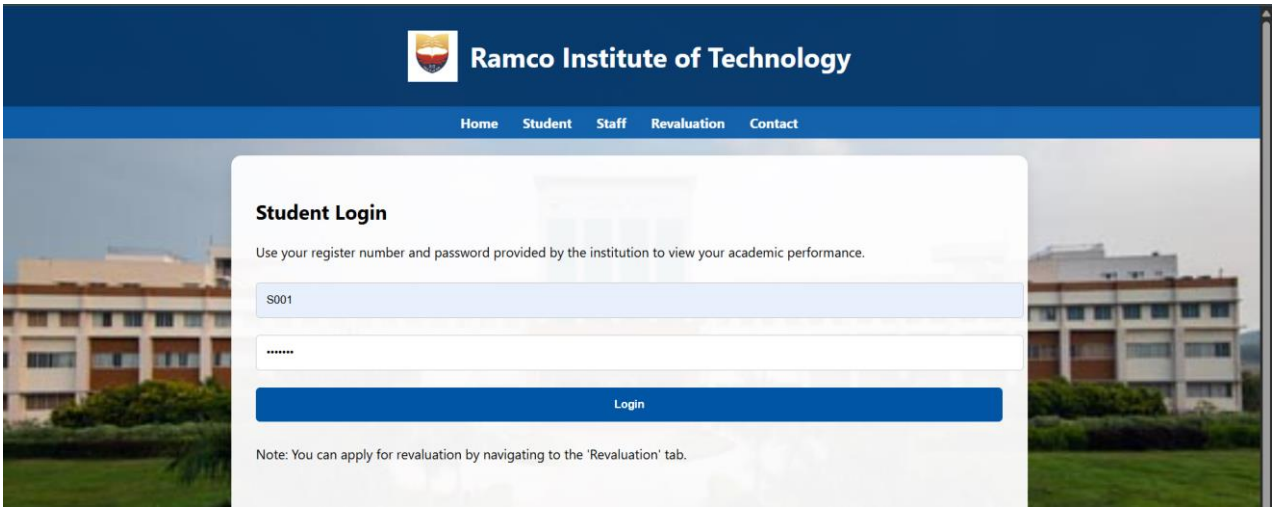
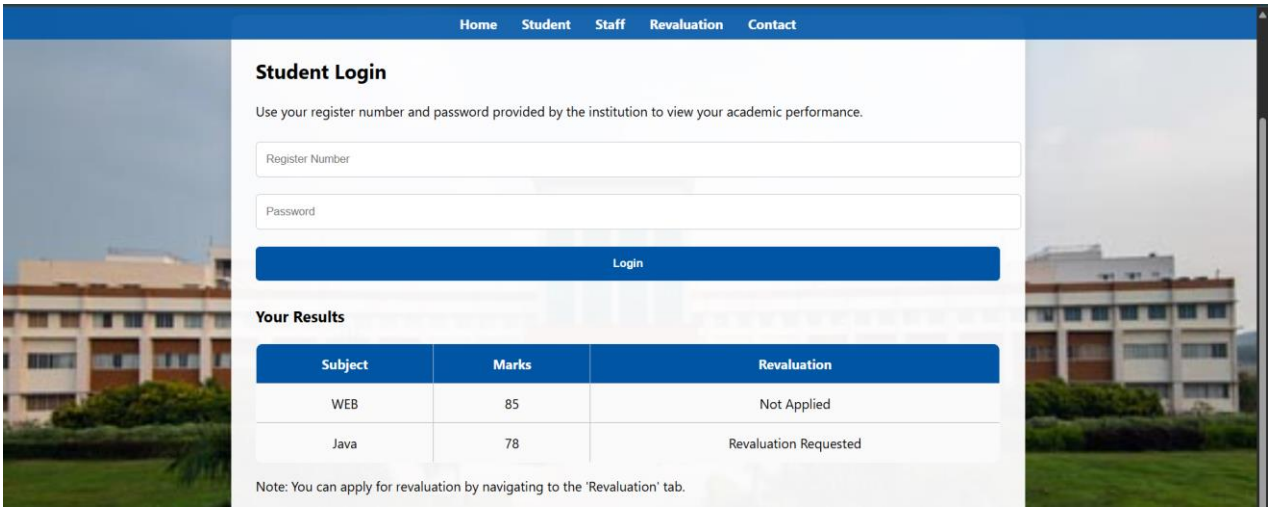


Contact Us:



View Student result:





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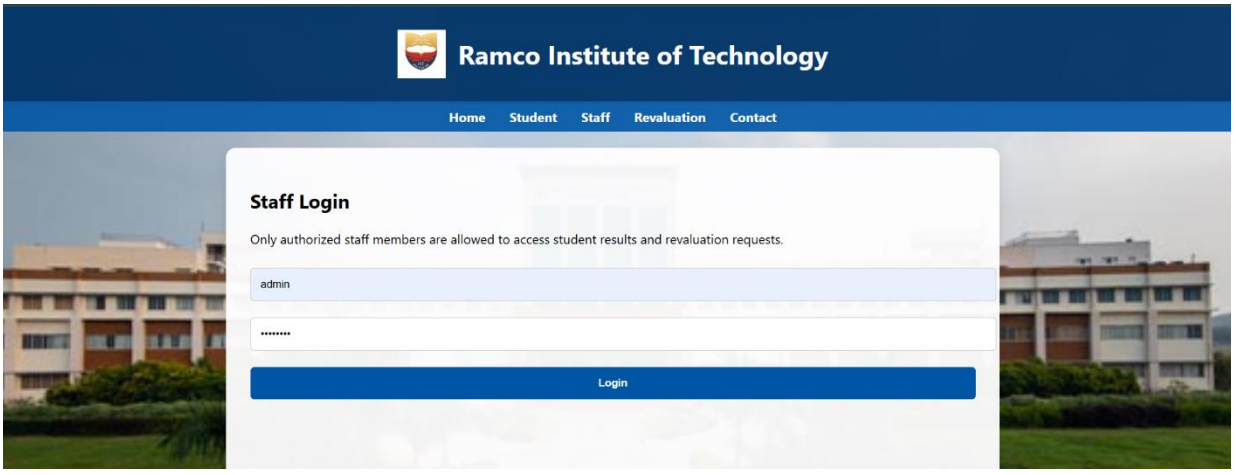
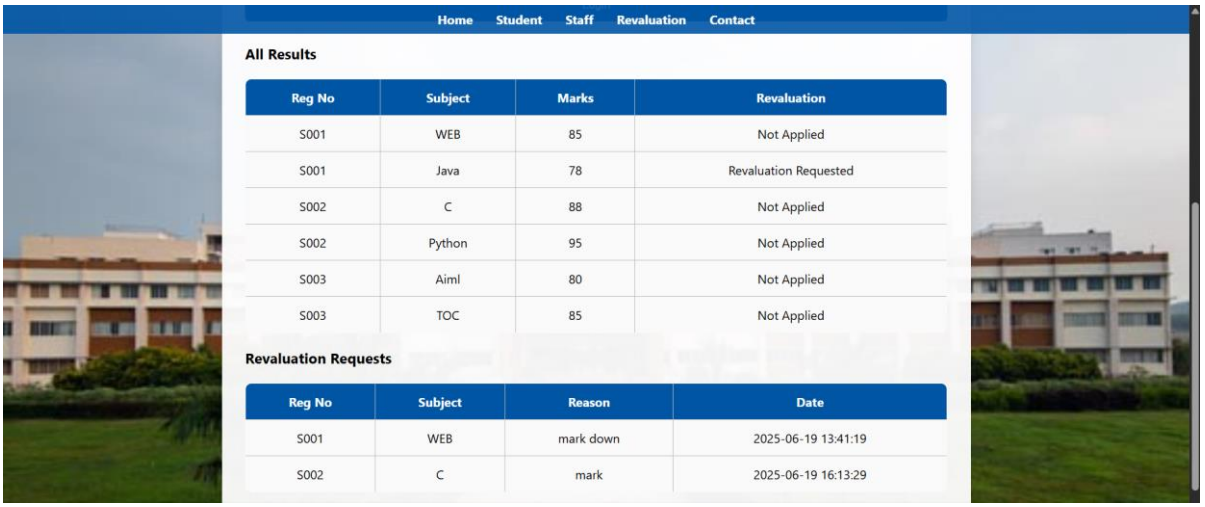
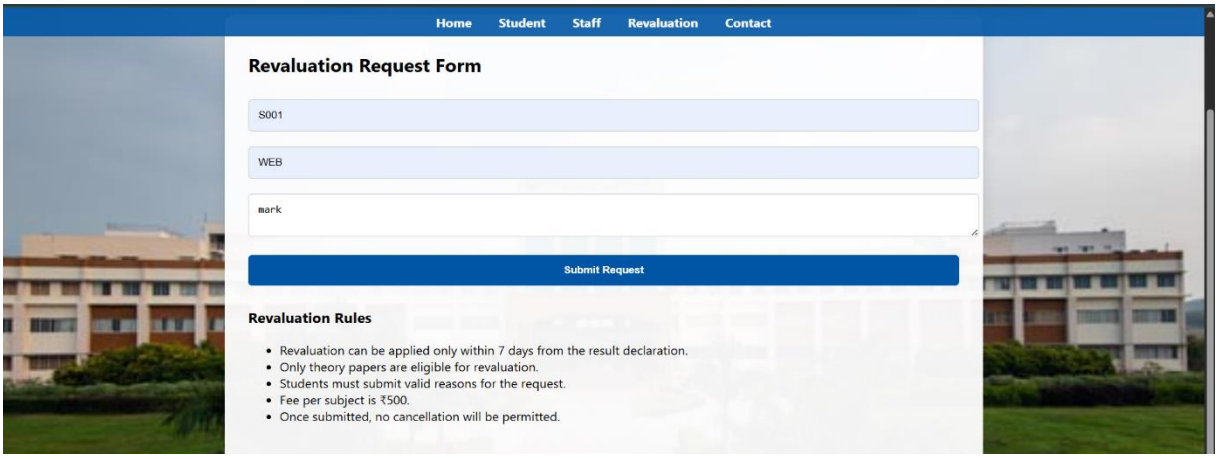




Apply Revaluation:



6. Conclusion:

The Student Result Management System effectively digitalizes the academic result processing workflow, providing a streamlined, accurate, and efficient solution for managing student performance data. Built using technologies like HTML, CSS, PHP, and MySQL, the system ensures secure data storage, simplified result entry, and instant access to academic records for students, staff, and administrators.By minimizing manual tasks, reducing errors, and enhancing accessibility, the system significantly improves the efficiency of result management in educational institutions. Features such as revaluation requests, admin-controlled access, and real-time updates make the platform both reliable and scalable.Overall, the implementation of this system demonstrates the practical application of web development and database management skills to address real-world challenges in academic administration.

References:

1)TCExam – An open-source online testing platform that offers insights into multiple-choice questions, timed exams, and automatic evaluation.
Available at: https://www.tcexam.org/

2)ProProfs Quiz Maker – A widely used tool for educational assessments and certifications, offering features like question variety, analytics, and result reporting.
Available at: https://www.proprofs.com/quiz-school/

3)Exam.net – A secure browser-based online examination system used by schools globally. It supports offline mode and controlled exam environments.
Available at: https://exam.net/

4) ClassMarker – A commercial-grade test builder used by professionals and educators, known for professional branding, real-time scoring, and result exporting.
Available at: https://www.classmarker.com/

5) Google Forms with Auto-Grading Add-ons (e.g., Flubaroo) – A quick and lightweight method for deploying tests with auto-grading and response analytics.
Available at: https://docs.google.com/forms/

6)Moodle – A robust open-source Learning Management System (LMS) used in universities for conducting quizzes with randomization, secure access, and timing controls.
Available at: https://moodle.org/

7)HackerRank Assessments – A professional platform for delivering timed technical assessments and coding evaluations, including feedback and result analytics.
Available at: https://www.hackerrank.com/skills-directory