



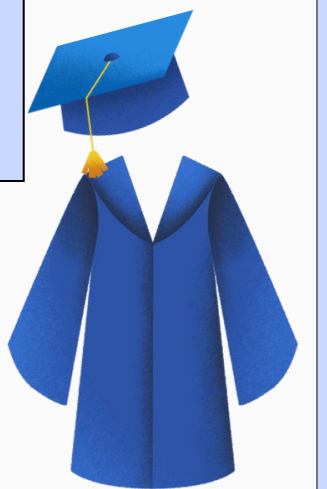
Online Marks cards display for Students and for Admin





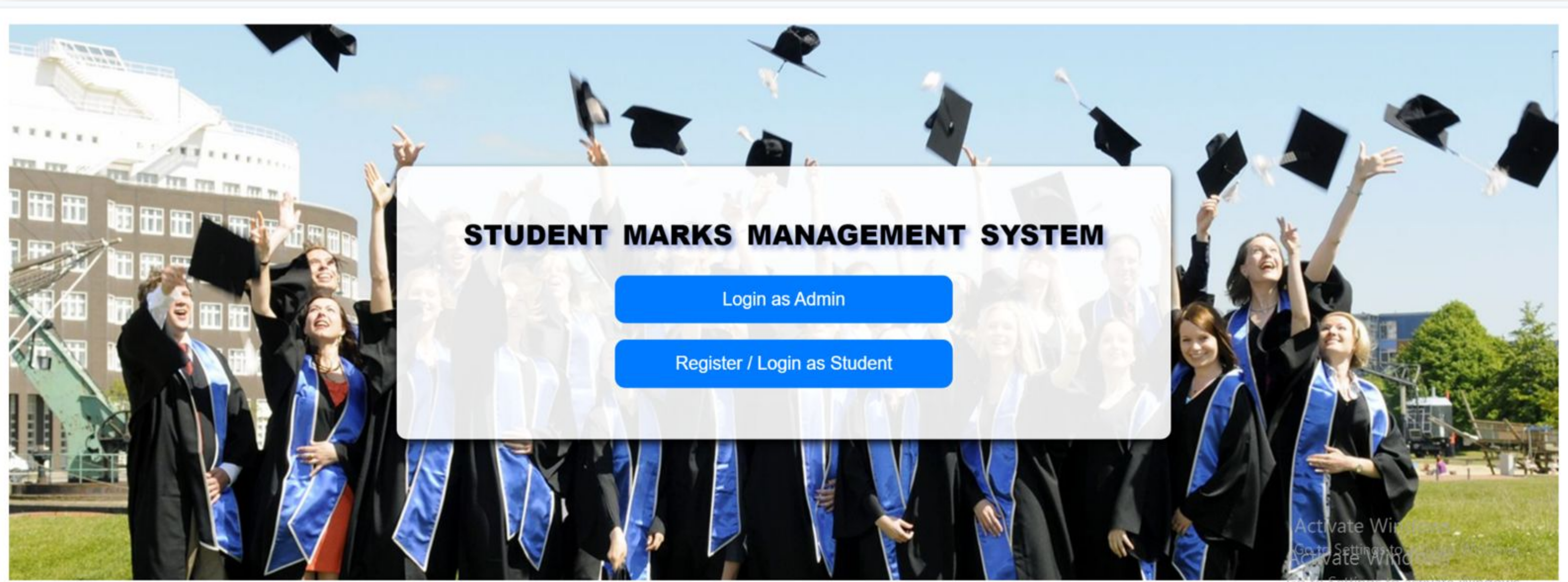
Introduction

This project involves the development of an Online Marks Cards Display System tailored for students and administrators. Utilizing Angular for the front end, Spring Boot with Spring JPA for the backend, and MySQL as the database, this system is designed to offer a streamlined and efficient interface for managing and viewing student marks. The project focuses on creating a user-friendly experience for both students and administrators.



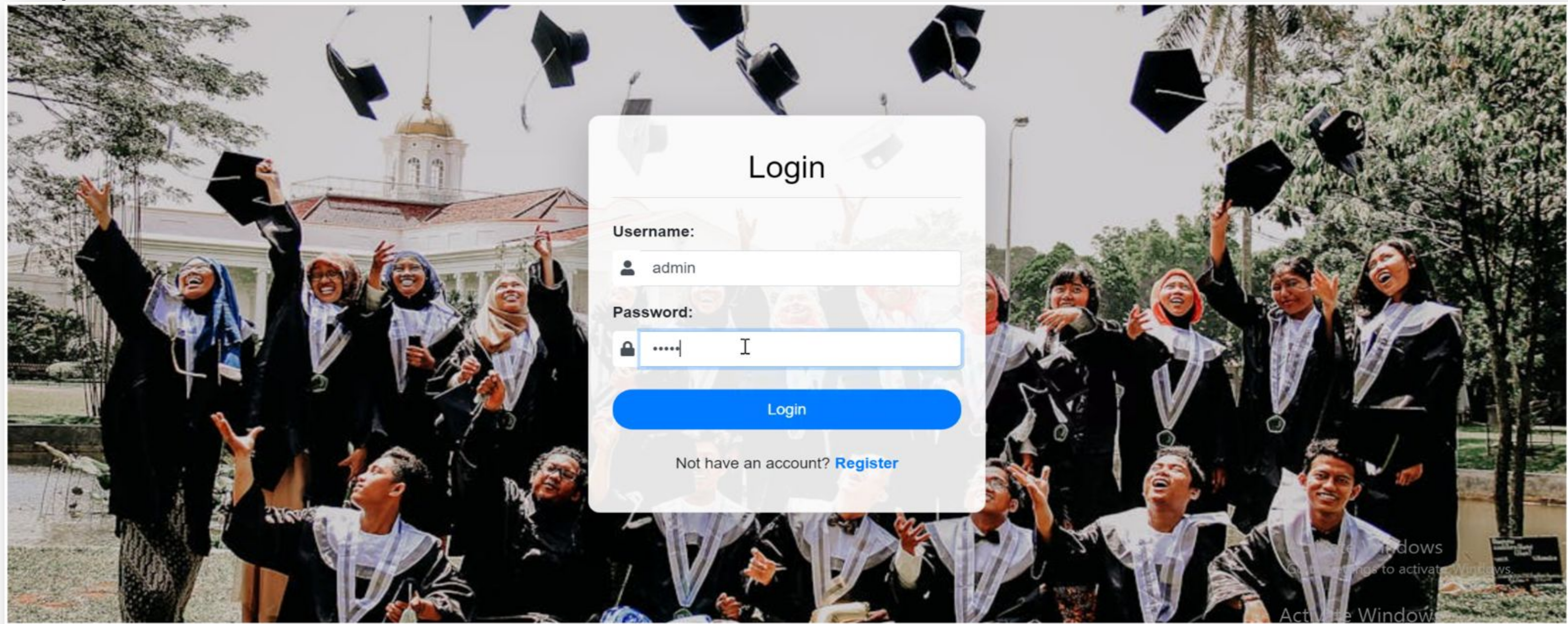
Features

1. Home Page

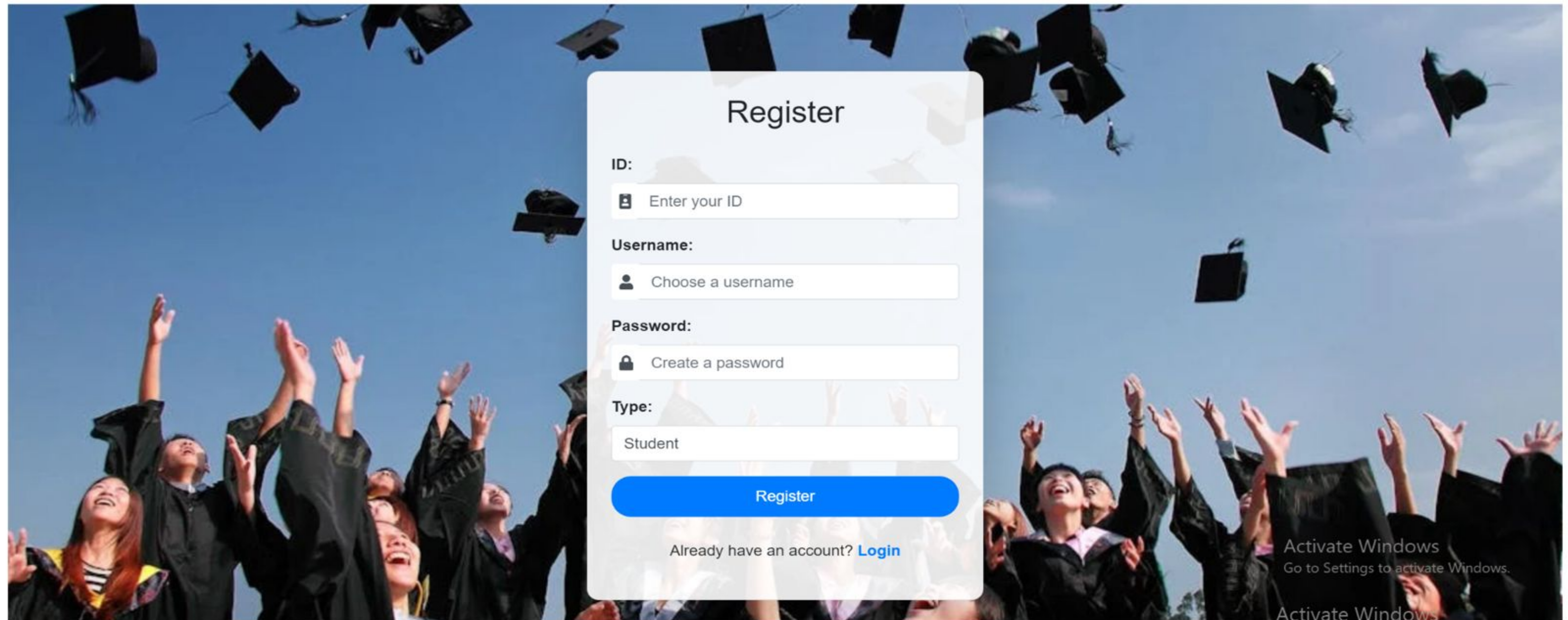


2. User Authentication and Registration:

Login: Users must authenticate using their username and password.



Registration: Users register with a unique username and password.
New accounts default to a "Student" role.



The background image shows a group of graduates in black gowns and caps, throwing their caps into the air against a clear blue sky. The registration form is a white, rounded rectangle centered over the image.

Register

ID:

Username:

Password:

Type:

[Register](#)

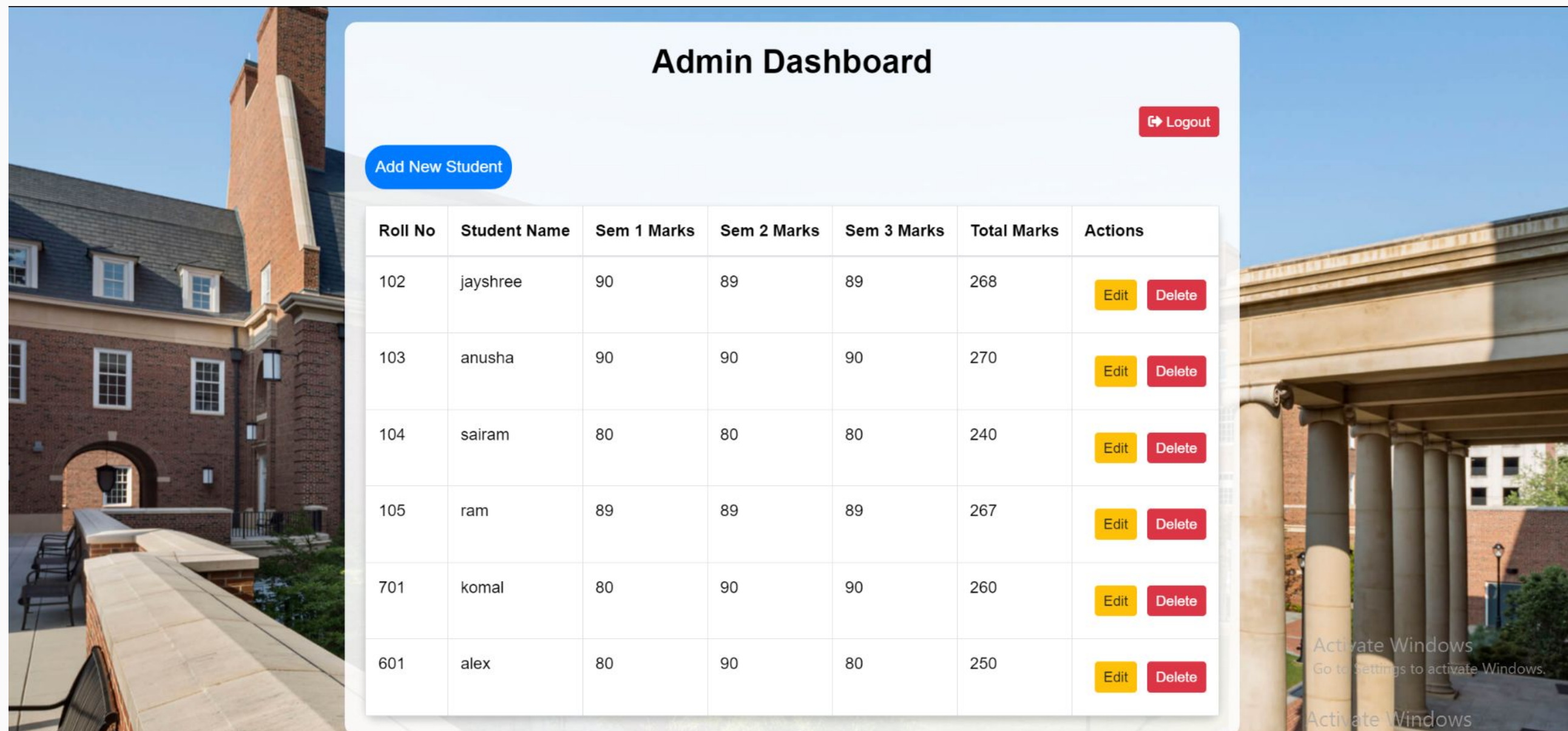
Already have an account? [Login](#)

Activate Windows
Go to Settings to activate Windows.

Activate Windows
Go to Settings to activate Windows.

3. Role-Based Access:

Admin: Has access to all functionalities, including adding, updating, and deleting student marks.

A screenshot of an 'Admin Dashboard' interface. The dashboard has a light blue header with the title 'Admin Dashboard' and a 'Logout' button. Below the header is a blue 'Add New Student' button. The main content area features a table with student records. The table has columns for Roll No, Student Name, Sem 1 Marks, Sem 2 Marks, Sem 3 Marks, Total Marks, and Actions. Each row represents a student with their respective marks and 'Edit' and 'Delete' buttons. The background of the dashboard is a collage of images showing a brick building and a classical columned walkway.

Roll No	Student Name	Sem 1 Marks	Sem 2 Marks	Sem 3 Marks	Total Marks	Actions
102	jayshree	90	89	89	268	Edit Delete
103	anusha	90	90	90	270	Edit Delete
104	sairam	80	80	80	240	Edit Delete
105	ram	89	89	89	267	Edit Delete
701	komal	80	90	90	260	Edit Delete
601	alex	80	90	80	250	Edit Delete



❖ **Admin Dashboard:**

A centralized interface for managing student records, including viewing and accessing all data.

❖ **Admin Actions:**

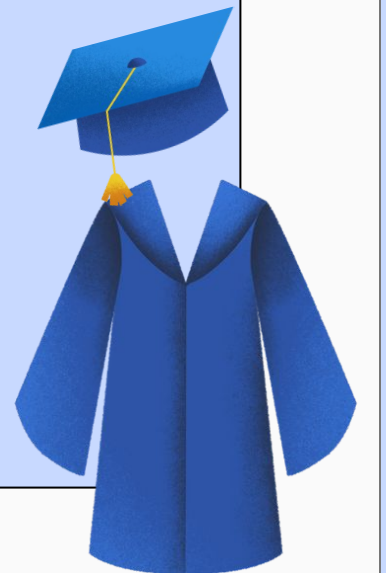
Insert: Add new student records with marks and details.

Delete: Remove existing student records.

Edit: Update student information or marks.

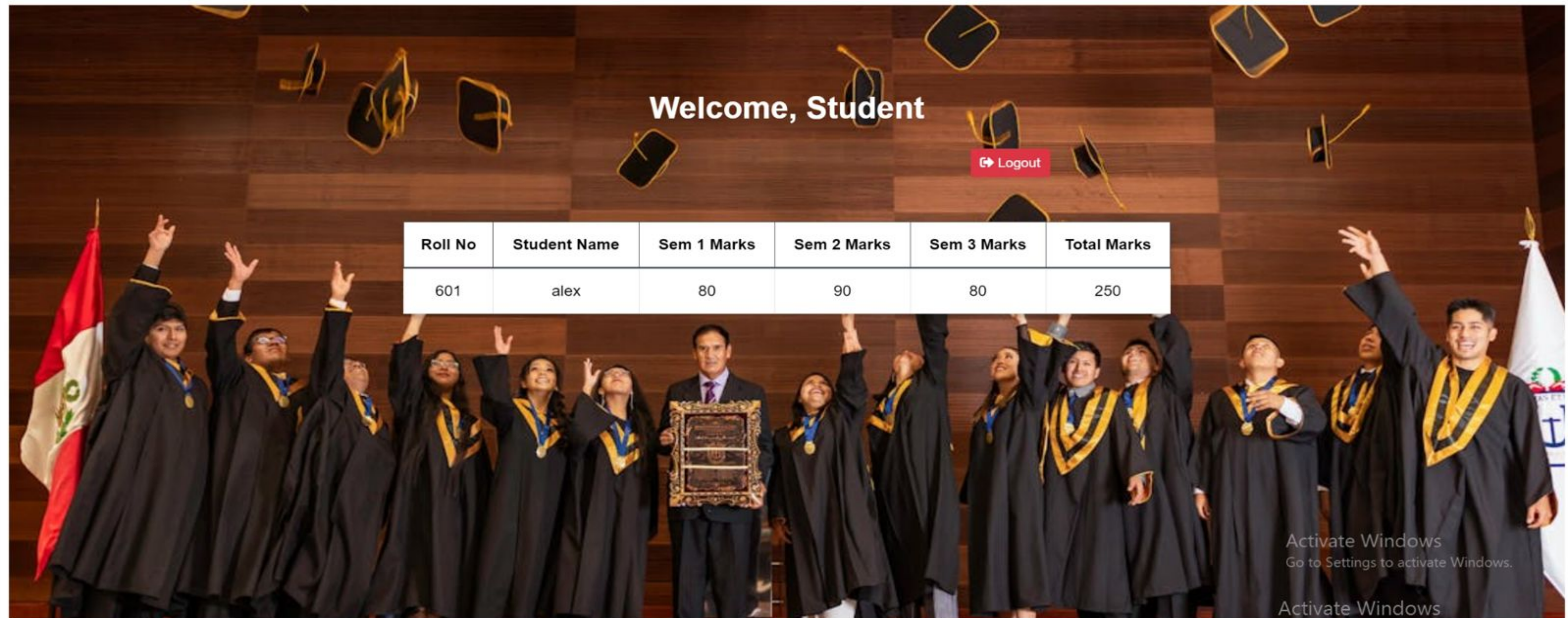
Add: Include new features or categories as needed.

Student Dashboard.



4. Student Dashboard:

A personalized view for each student to view their

A mockup of a student dashboard. The background is a photograph of graduates in black gowns with yellow stoles, throwing their caps into the air. A wooden floor is visible at the bottom. The dashboard features a 'Welcome, Student' message at the top center. To the right of the message is a red 'Logout' button with a white arrow icon. Below the message is a table with student performance data. The table has six columns: 'Roll No', 'Student Name', 'Sem 1 Marks', 'Sem 2 Marks', 'Sem 3 Marks', and 'Total Marks'. The first row of data shows a student with Roll No 601, Name alex, and marks of 80, 90, and 80 for Semesters 1, 2, and 3 respectively, totaling 250 marks. In the bottom right corner, there is a watermark that says 'Activate Windows Go to Settings to activate Windows.'

Welcome, Student

Logout

Roll No	Student Name	Sem 1 Marks	Sem 2 Marks	Sem 3 Marks	Total Marks
601	alex	80	90	80	250

Activate Windows
Go to Settings to activate Windows.



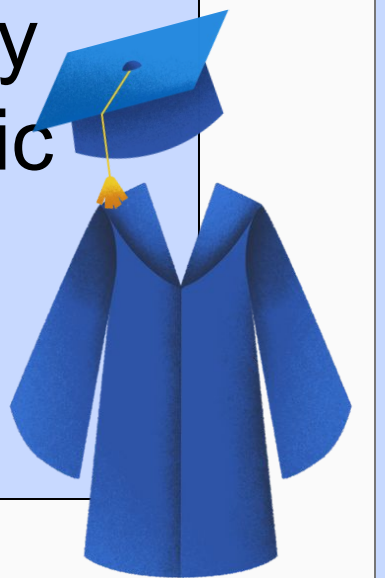
Technologies Used

1. Backend and Database Integration:

Spring Boot with Spring JPA: Manages server-side operations, business logic, and data persistence with MySQL for handling CRUD operations.

2. Front-End Development:

Angular with Bootstrap: Provides a responsive and visually appealing user interface with input validation, animations, and dynamic components for a seamless user experience.



Database

1. For Marks

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHMAS

Filter objects

sakila
sys
wipro

Tables

marks
users

Views
Stored Procedures
Functions

world

marks

1 • SELECT * FROM wipro.marks;

Limit to 1000 rows

Result Grid

Filter Rows:

Edit:

	id	sem1	sem2	sem3	total	user_name	user_id
	102	90	89	89	268	jayshree	102
	103	90	90	90	270	anusha	103
	104	80	80	80	240	sairam	104
	105	89	89	89	267	ram	105
	601	80	90	80	250	alex	601
	701	80	90	90	260	komal	701
	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Administration Schemas

Information

No object selected

2. For Users

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHMAS

Filter objects

sakila
sys
wipro

Tables

marks
users

Views
Stored Procedures
Functions

world

users

1 • SELECT * FROM wipro.users;

Limit to 1000 rows

Result Grid

Filter Rows:

Edit:

	id	password	user_name	user_type
	0	rps	amey	student
	88	rps	dhir	student
	101	rps	lol	student
	102	rps	jayshree	student
	103	rps	anusha	student
	104	rps	sairam	student
	105	rps	ram	student
	501	rps	Harish	student
	601	rps	alex	student
	701	rps	komal	student
	999	admin	admin	admin
	NULL	NULL	NULL	NULL

Administration Schemas

Information

No object selected



Team Members

1. **Anisha Vishwakarma**
2. **Amey Parulekar**
3. **Kavin G**
4. **Bathina Sai Ram**
5. **Jayashree Sonawane**
6. **Anusha Bharath**



**Thank
You**

