

Student Result Management System

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Introduction

The Project Student Result Management System which is implemented by using JSP (Eclipse, Tomcat, MySQL). The main objective of the project is to provide the examination result to the student in a simple way. Student report generator is a web-based application designed and engineered for colleges that need to manage results across multiple branches students that need to track, manage and report results. This application can run on any kind of operating system. At a time we can see all the years result in a single sheet and we can see the individual candidate's results separately. By a result analyzer with subject status and marks is an application tool for displaying the results in secure way. The system is intended for the student. The whole result analyzer will be under the control of the administrator and the admin as the full privileges to read, write and execute the result.

Student Result Management System project documentation or project report covers detailed explanation of every module with explanation of working principle, software and hardware requirements, block diagrams, sequence diagram, database design, database tables.

Abstract

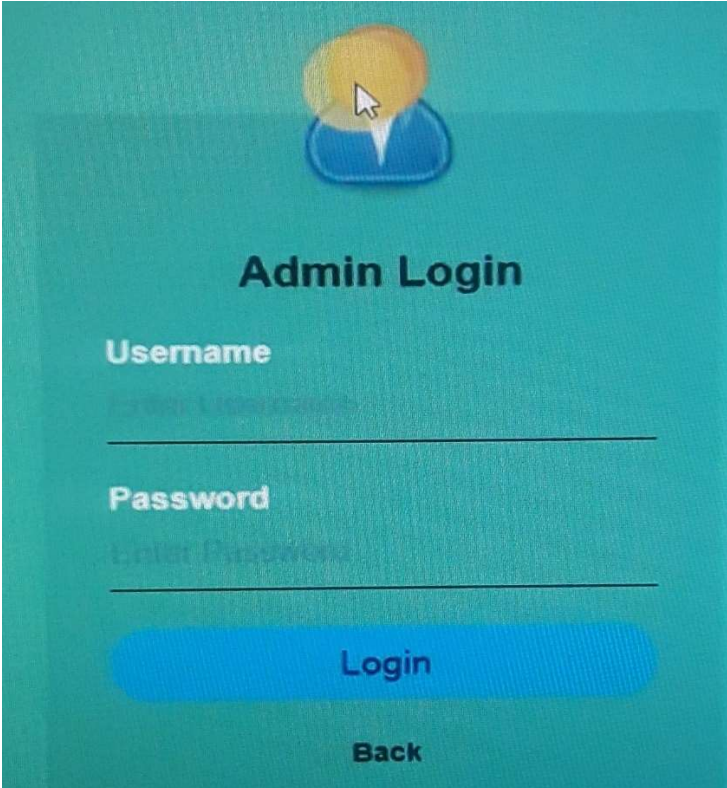
The Purpose of Student Result Management System is to automate the existing manual system by the help of computerized equipment's and full-fledged computer Software, fulfilling their requirements so that their valuable data information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Student Result Management System, as described above can lead to error free, secure, reliable and fast Management System. It can assist the user to concentrate on their activities rather to concentrate on the record keeping. The organization can maintain computerized records without redundant entries. That means that one need to be distracted by information that is not relevant, while being able to reach the information. The essence is designing an efficient computerized system will replace manual result processing which is prone to lot of paper work and errors. This reduces the tedious tasks involved, and enhance student's performance through timely publication of results.

Modules

1. Admin Page
2. Add New Student
3. Insert New Result
4. Registered Students
5. All Student Result
6. Student Page

1.Admin Page

The image shows a web page for Admin Login. At the top, there is a circular icon with a yellow sun-like background and a blue outline of a person's head and shoulders, with a white mouse cursor pointing at it. Below the icon, the text "Admin Login" is centered in a bold, black font. Underneath, there are two input fields. The first is labeled "Username" in bold black text, with the placeholder text "Enter Username" in a lighter gray font. The second is labeled "Password" in bold black text, with the placeholder text "Enter Password" in a lighter gray font. Below these fields is a large, rounded blue button with the word "Login" in white text. At the bottom, there is a smaller, plain black text link that says "Back". The entire page has a teal background with a subtle texture.

Admin Login

Username
Enter Username

Password
Enter Password

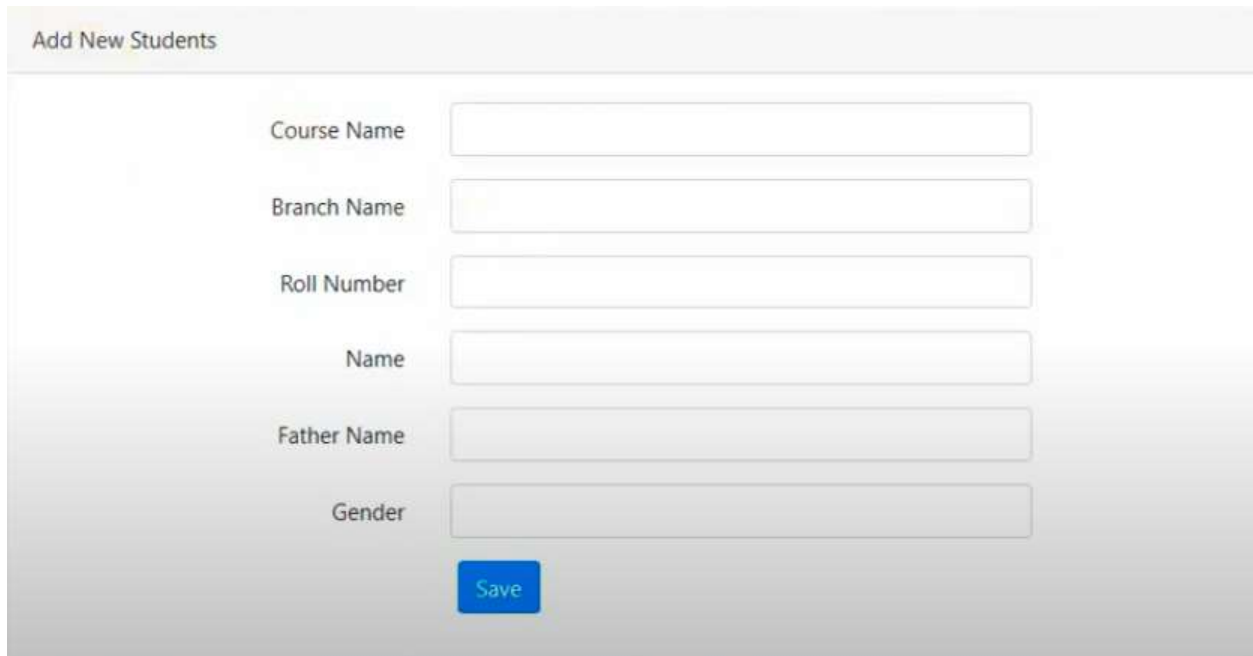
Login

Back

Admin login page

Admin login page is used for admins to login to the portal to add and update the marks of the students.

2.Add New Student



The image shows a web form titled "Add New Students" in a light gray header bar. Below the header, the form contains six input fields arranged vertically, each with a label to its left: "Course Name", "Branch Name", "Roll Number", "Name", "Father Name", and "Gender". Each label is in a light gray font. The input fields are white with thin gray borders. At the bottom of the form, there is a blue rectangular button with the word "Save" in white text.

Add New Students	
Course Name	<input type="text"/>
Branch Name	<input type="text"/>
Roll Number	<input type="text"/>
Name	<input type="text"/>
Father Name	<input type="text"/>
Gender	<input type="text"/>
<input type="button" value="Save"/>	

Add New Student page is to add student details like Course name, Branch name, Roll number, Name, Father name and Gender.

3. Insert New Result

Insert New Result

Roll Number

Engg. Physics-I

Engg. Chemistry

Engg. Mathematics-I

Basic Electrical Engg

Electronic Engg.

Engg. Chemistry Lab

Engg. Physics Lab

Save

Insert New Result age is to insert new marks of the student by using student Roll number.

4. Registered Students

COURSE NAME	BRANCH NAME	ROLL NUMBER	NAME	FATHER NAME	GENDER
B.Tech	Computer Science	10001	Amit kumar	Sunit kumar	Male

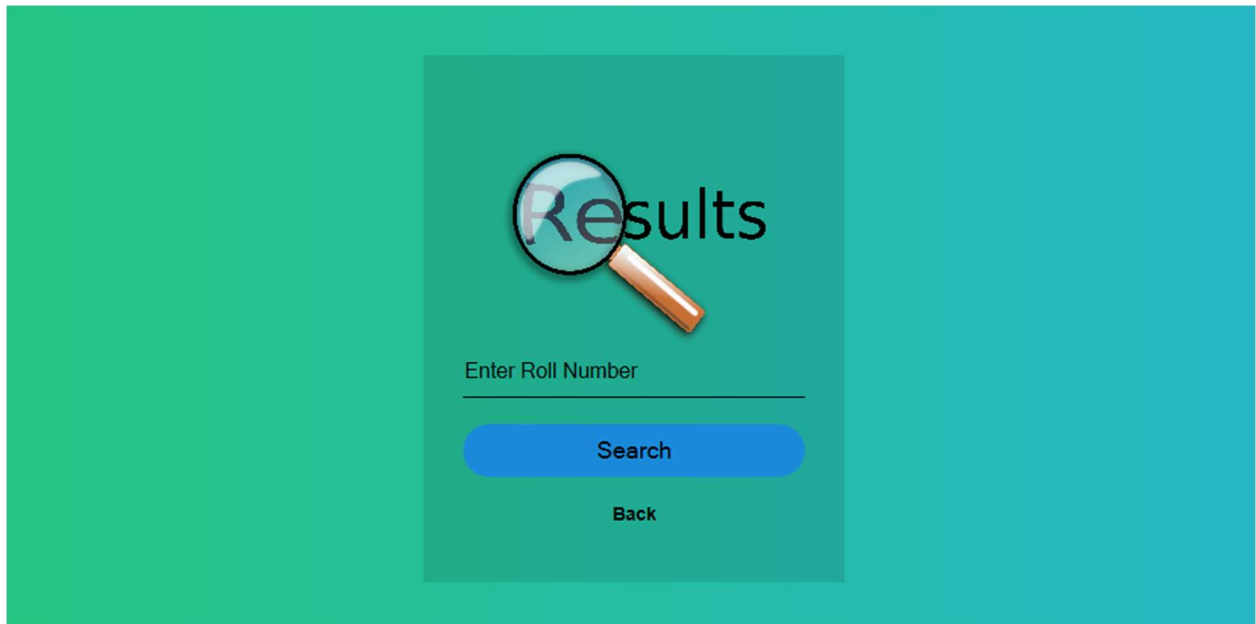
Registered Students page is to display the details of the student.

5. All Student Result

ROLL NUMBER	ENGG. PHYSICS-I	ENGG. CHEMISTRY	ENGG. MATHEMATICS-I	BASIC ELECTRICAL ENGG	ELECTRONIC ENGG.	ENGG. CHEMISTRY LAB	ENGG. PHYSICS LAB
10001	50	60	70	80	90	25	25
10002	50	80	70	60	50	20	20

All Student Result page is to show the marks of all students in each subject and all student each subject marks will be displayed.

6.Student Page

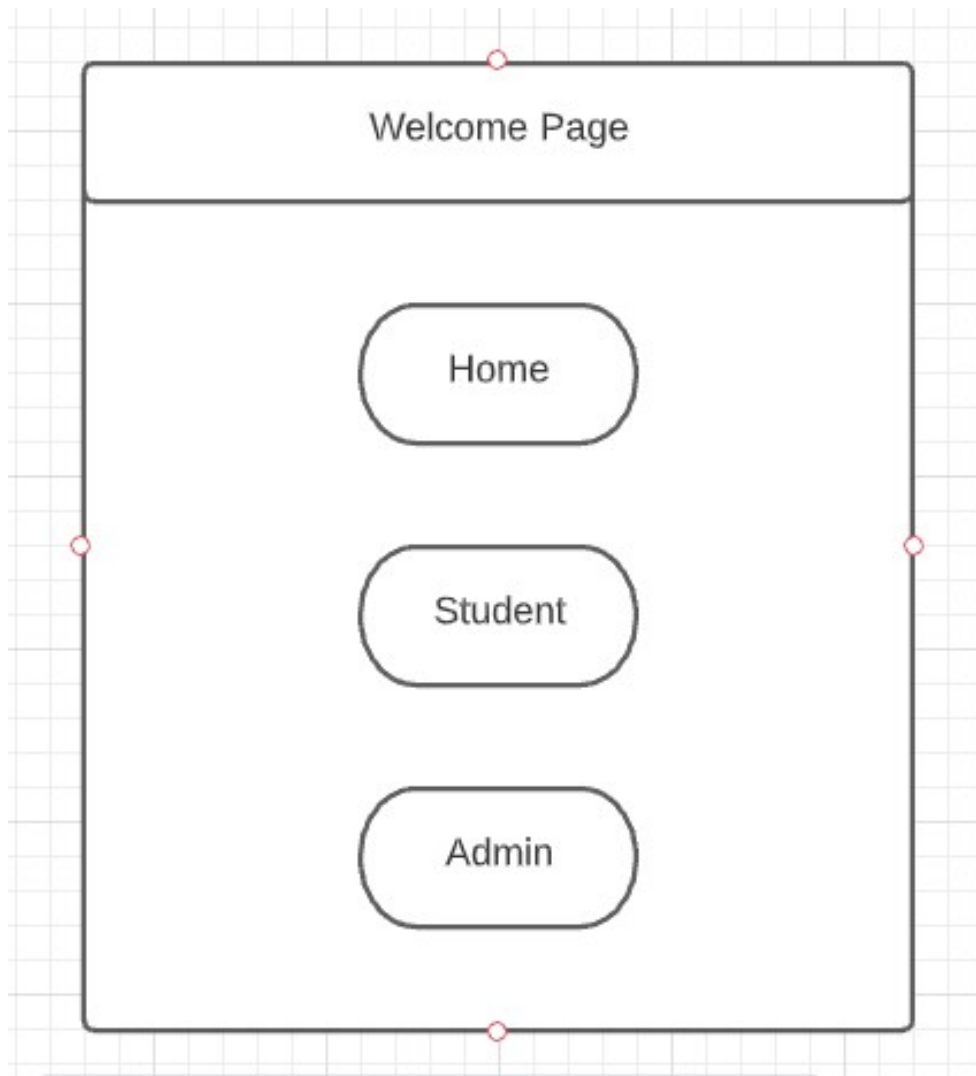


The image shows a web interface for a student to check their results. It features a teal background with a central white card. At the top of the card, the word "Results" is displayed in a large, bold, black font, with a magnifying glass icon positioned over the letter 'R'. Below this, there is a text input field labeled "Enter Roll Number" in a small, black font. Underneath the input field is a blue button with the word "Search" in white text. At the bottom of the card, there is a small, black "Back" link.

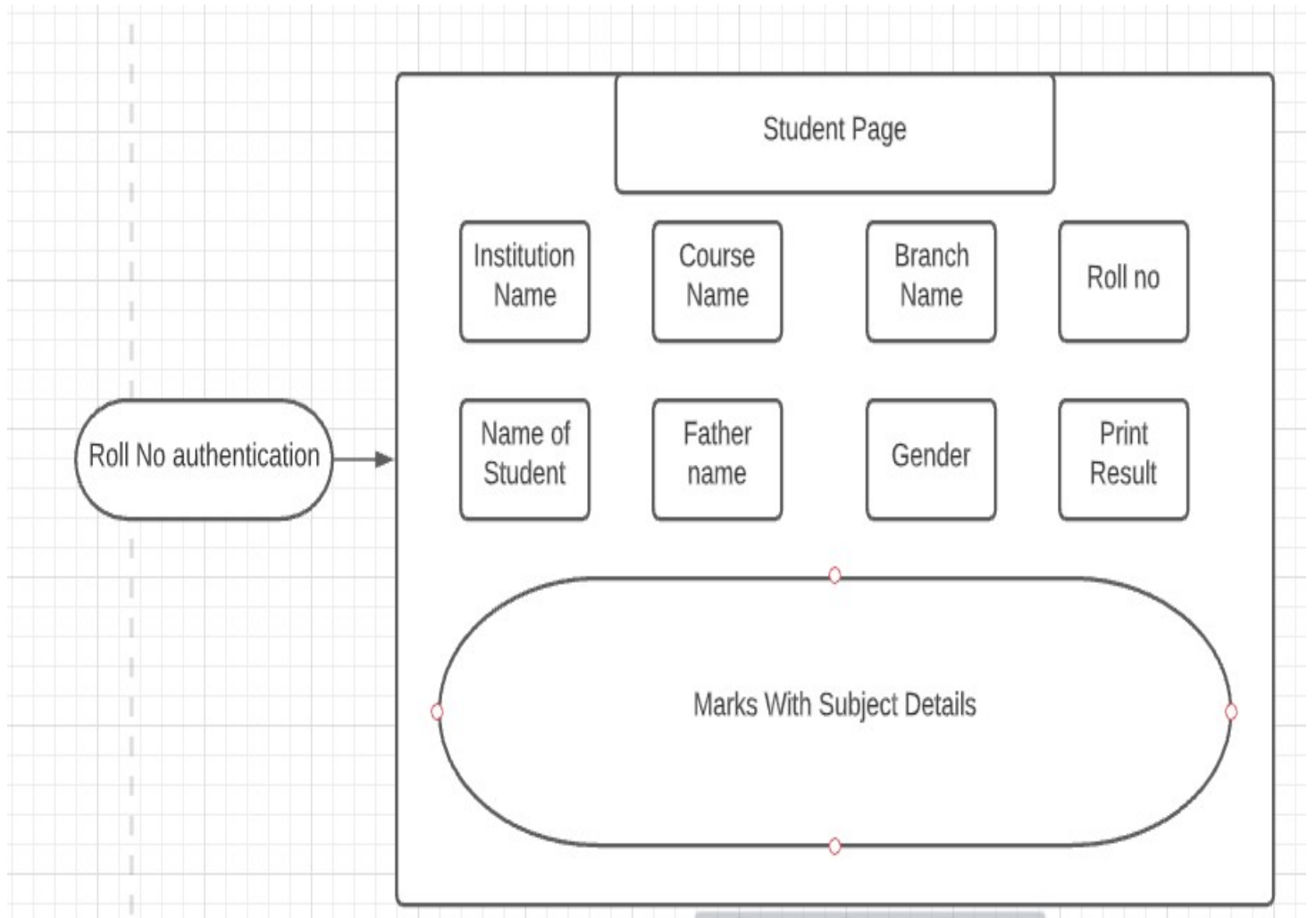
Student Page is used by students to check their result by using their respective rollno and this page moves to next page where the page displays marks of each subject.

Diagrams

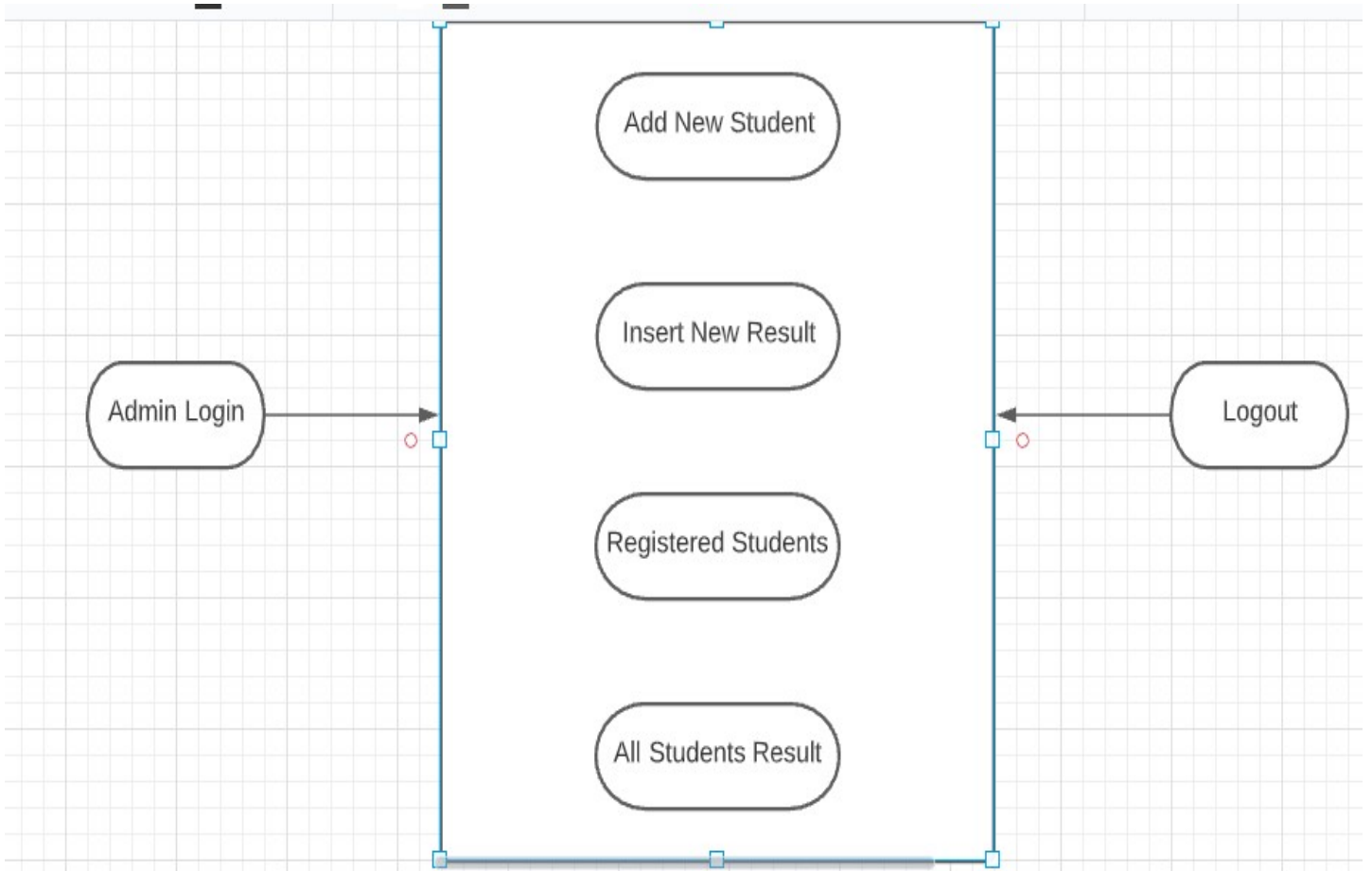
Welcome Page: -



Student page: -



Admin Login Page: -



Software Requirements

- Operating System: Windows 10
- Server Side: JSP with Tomcat Server
- Client Side: HTML, JavaScript
- Services: JDBC
- Database: My SQL
- Integrated Development Environment: Eclipse

Hardware Requirements

- Ram: 64MB (or) Higher
- Cache: 512MB
- Hard disk: 100GB
- Processor: I-3
- Generation: 8th Generation

Conclusion

Student Result Management System can be used by educational institutions to maintain their student records easily. This application will greatly simplify and speed up the result preparation and management process. Achieving this objective is difficult using the manual system as the information is scattered, can be redundant, and collecting relevant information may be very time-consuming. All these problems are solved by this project. It provides the examination result to the student in a simple and accurate way.

This system helps in maintaining the information of pupils of the organization. It can be easily accessed by the manager and kept safe for a long period of time without any changes.