# Student Result Management System

## Submitted by

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# Contents

# 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.
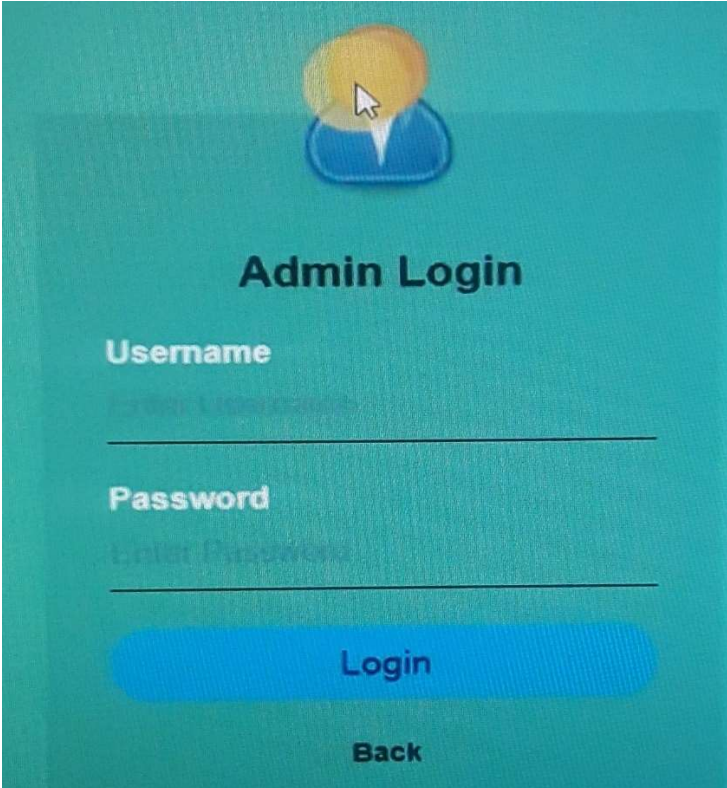
# Abstract

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
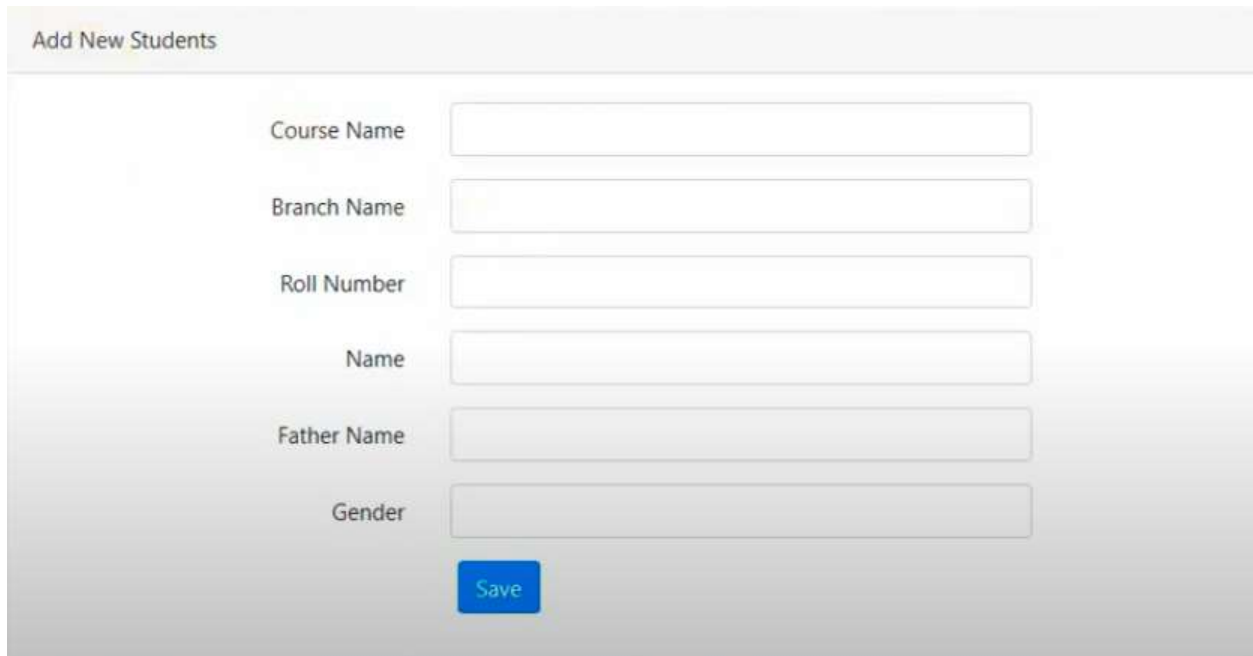5. All Student Result
6. Student Page

# 1.Admin Page



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



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

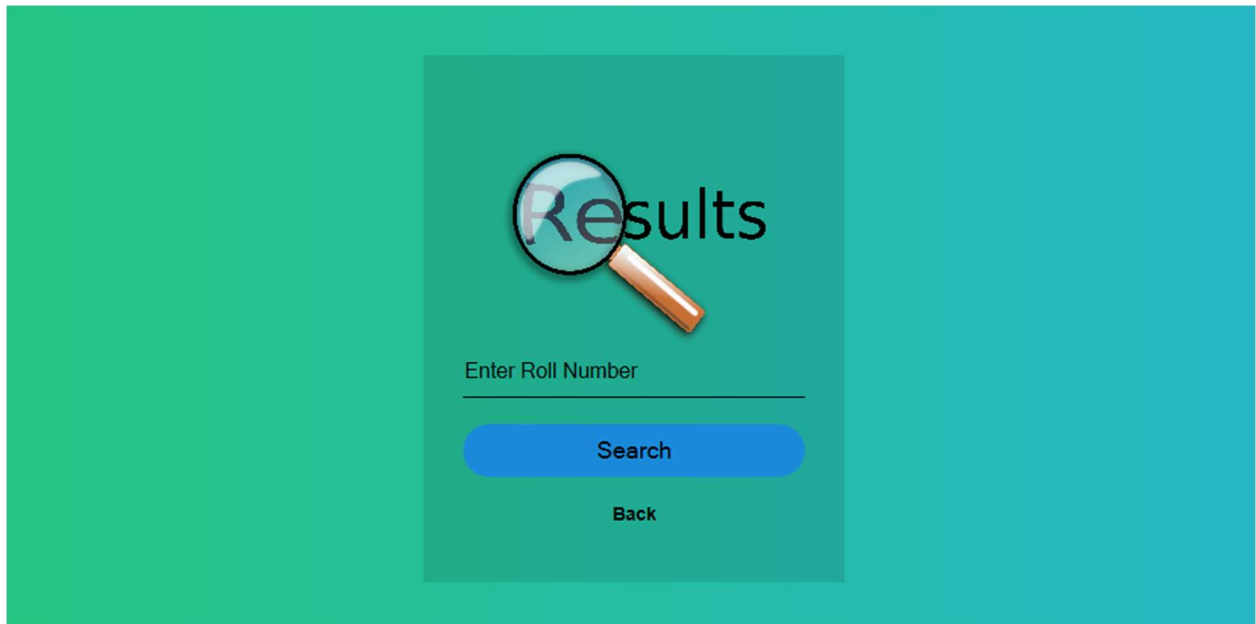| COURSE NAME | BRANCH NAME | ROLL NUMBER | NAME | FATHER NAME | GENDER |
|---|---|---|---|---|---|
| B Tech | Computer Science | 10001 | Amit kumar | Sumit kumar | Male |

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 dispayed.
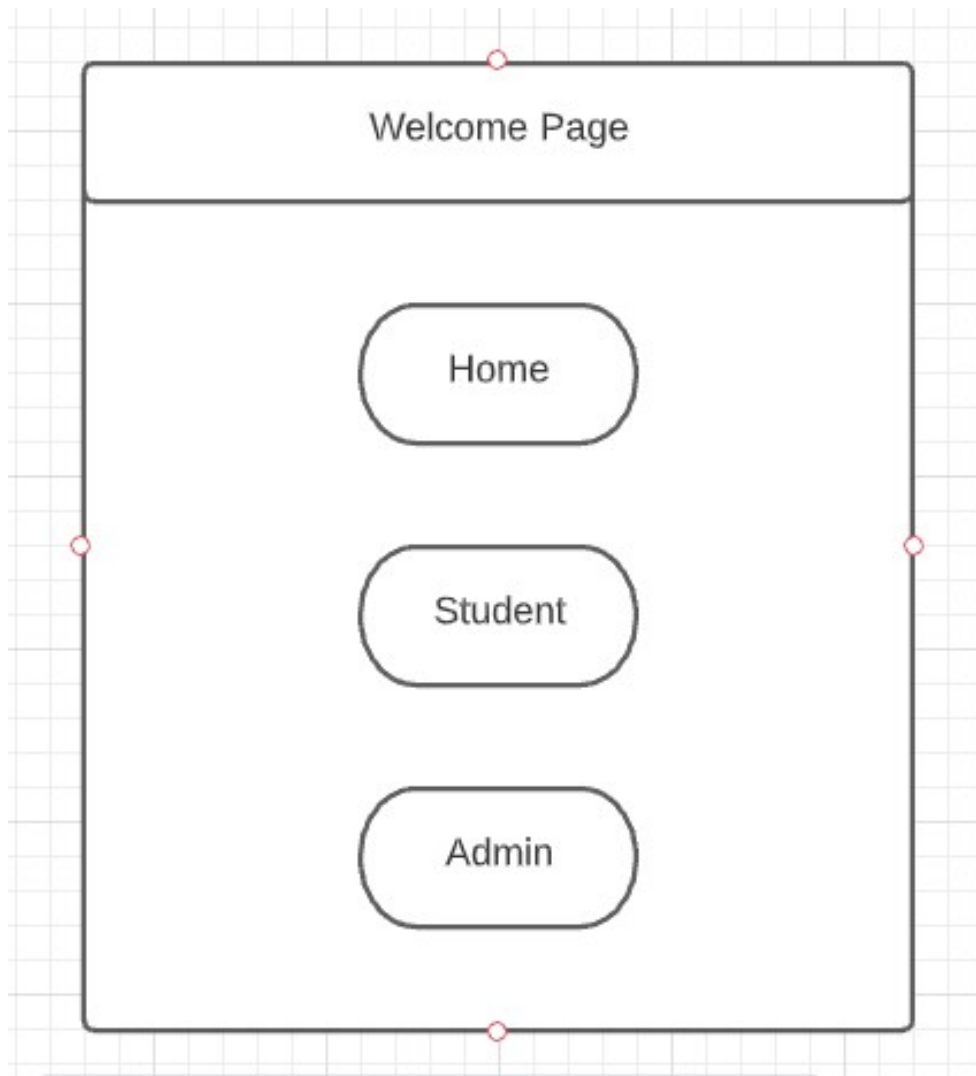
# 6.Student Page



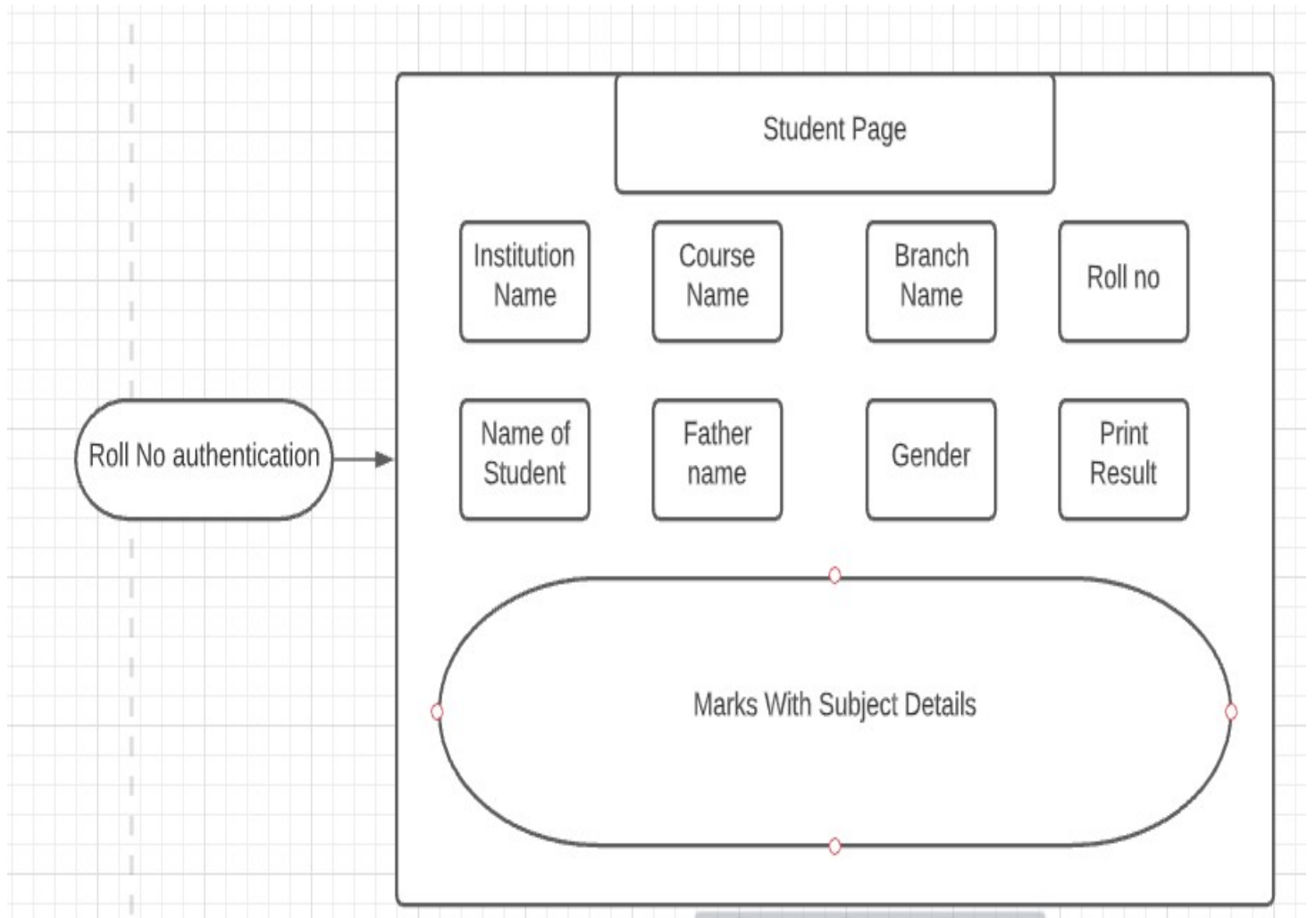Student Page is used by students to check their result by using their respective rollno and this page moves to next page where the page displays marks of each subject.

# Diagrams

**Welcome Page: -**

# Student page: -



Student Page

| Institution Name | Course Name | Branch Name | Roll no |
| Name of Student | Father name | Gender | Print Result |

Roll No authentication

Marks With Subject Details

# Admin Login Page: -



Admin Login → [ Add New Student / Insert New Result / Registered Students / All Students Result ] ← Logout
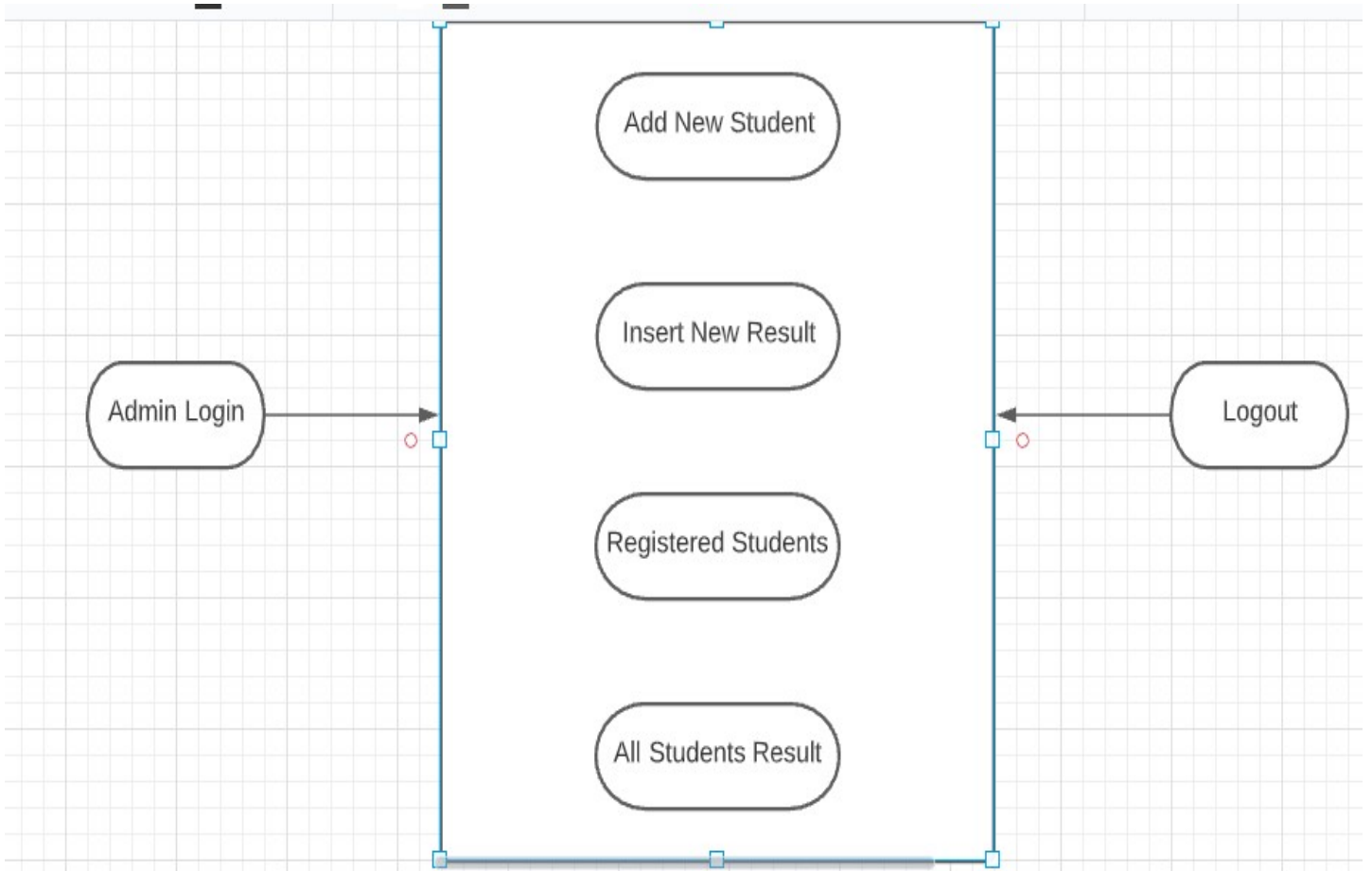
# Software Requirements

- 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: 8<sup>th</sup> 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.