

INTRODUCTION

Student Management System is software which is helpful for students as well as the school authorities. In the current system all the activities are done manually. It is very time consuming and costly. Our Student Management System deals with the various activities related to the students.

In the Software we can register as a user and user has of two types, user and administrator. Administrators have the power to add new students and can edit and delete a student. A user can register as a student and can add and edit a student's profile.

The objective of Student information System is to allow the administrator of any organization to edit and find out the personal details of a student and allows the users to keep up the student's data to date. It'll also facilitate keeping all the records of students, such as their id, name, mailing address, phone number, DOB etc. So all the information about a student will be available in a few seconds. Overall, it'll make Student Information Management an easier job for the administrator and the student of any organization. The main purpose of this SRS document is to illustrate the requirements of the project Student information System and is intended to help any organization to maintain and manage its student's personal data.

Search module: Suppose there are hundreds of students and from this we have to search a particular student and we know the name of the student. This module will help the administrator in searching the student with various criteria easily.

Registration Module and Account Management: This module will help the student get registered from anywhere if internet is present. This module will really simplify the task of on paper registration. Also after successful registration the user can update information and change their password as and when required.

User Management: This module will help the administrator in enabling/disabling a user account and updating user information as required. Purpose of project is to maintain details of the students such as storing information about: Student id
Student password Student name Student DOB Student mailing address Gender
Registration date Student status Contact no Qualification City Resume Image

Technologies

- **Java Swing**

Java Swing is a lightweight Java graphical user interface (GUI) widget toolkit that includes a rich set of widgets. It is part of the Java Foundation Classes (JFC) and includes several packages for developing rich desktop applications in Java

- **MYSQL**

MySQL is a relational database management system (RDBMS)[1] that runs as a server providing multi-user access to a number of databases. MySQL is a popular choice of database for use in web applications and is an open source product.

Technology Overview

The technology selected for implementing the Student Management System is *JAVA* and *MYSQL*.

JAVA SWING includes built-in controls such as trees to display HTTP or rich text format (RTF). Swing components are written entirely in Java and thus are platform-independent.

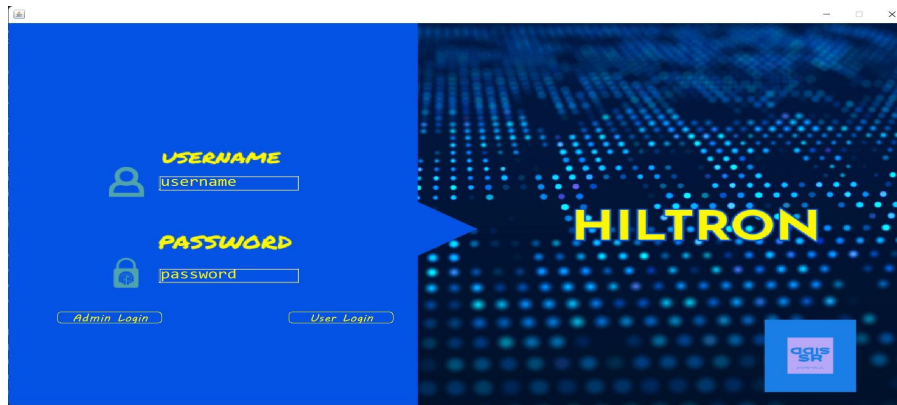
MYSQL is a stable, reliable and powerful solution with advance features like:

- Data Security.
- On-Demand Scalability.
- High Performance.
- Complete Workflow Control.

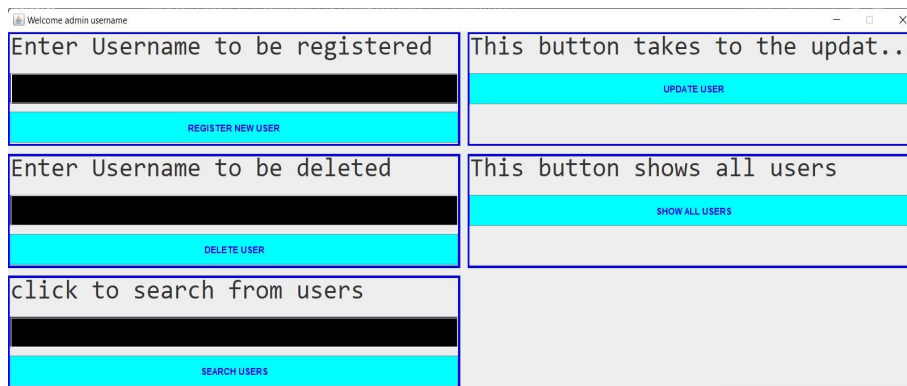
The development was done in a ‘windows’ environment using *Visual Studio Code*.

Snapshots

Login Panel



Admin Panel



Update Panel

CLICK TO UPDATE USERS												
id	name	fees	mobileNumber	course	courseDuration	fathersName	mothersName	age	dob	startDate	endDate	
1	null	1	null	comp	2 years	test	123	89	2005-45-45	2005-45-45	2005-45-45	
2	mm	bye	trtrtrtrtr									
3	chan	fdgfdg	mmmm	mmr	777	gdgdf	gdg	434	gdg	fdgdfgdf	fdg	
4	test33	fdgfdg	mmmmmm	gfd	gfdgfdg	fdg	dfgd	55	fdgfd	dfgd	dfg	

View Panel

SHOW CURRENT USERS											
id	name	fees	mobileNumber	course	courseDuration	fathersName	mothersName	age	dob	startDate	endDate
1	null	1	null	comp	2 years	test	123	89	2005-45-45	2005-45-45	2005-45-45
2	test	true	brststst								
3	chan	fdgfdg	mmr	mmr	777	gdgdf	gdg	434	fgdg	fdgfdgdf	fgdg
4	test33	fdgfdg	mmmmr	gfd	gfdgfdg	fg	dfgd	55	fgfdgfd	dfgd	dfg

Register Panel

Enter fees submitted true or f... Enter password	
Enter mobile number	Enter course name
Enter course duration	Enter father's name
Enter mother's name	Enter age
Enter date of birth	Enter start date
Enter end date	REGISTER USER

User Console

Click to update your data
UPDATE YOUR DATA
This button shows your
SHOW YOUR DATA

Search Panel

[illegible]

Update User

CLICK TO UPDATE USERS

id	name	fees	mobileNumber	course	courseDuration	fathersName	mothersName	age	dob	startDate	endDate
2	tttt	trye	trtttttttt								

Show Current User

SHOW CURRENT USERS											
id	name	fees	mobileNumber	course	courseDuration	fathersName	mothersName	age	dob	startDate	endDate
2	tittt	trye	trtttttttt								