

JAVA PROJECT PRESENTATION



PRESENTED BY

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Introduction



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Use-Case



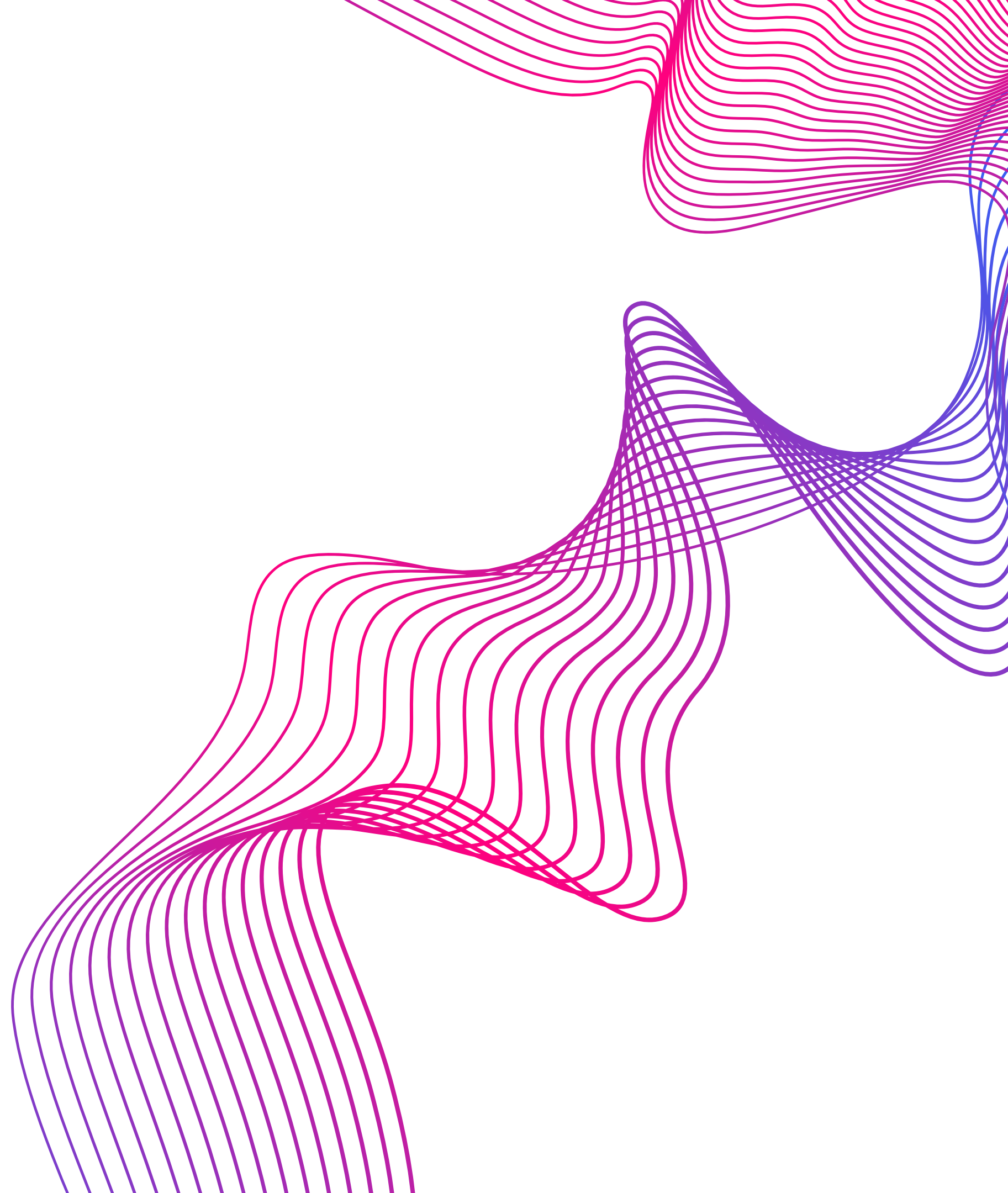
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Drag and drop your photo or video! Click the sample photo or video and delete. Select yours from the uploads tab, drag, and then drop inside the frame!

Introduction

The Project that we aimed to build is a Student Management Portal using Java Packages, Interface, Methods, Classes, Java AWT, Java Swing, JDBC. The project has a Login Portal where the student his/her USN and Password and this login takes you to an Application/ Sign-Up form. The information filled out in the Sign-up Form is stored in a MySQL Database

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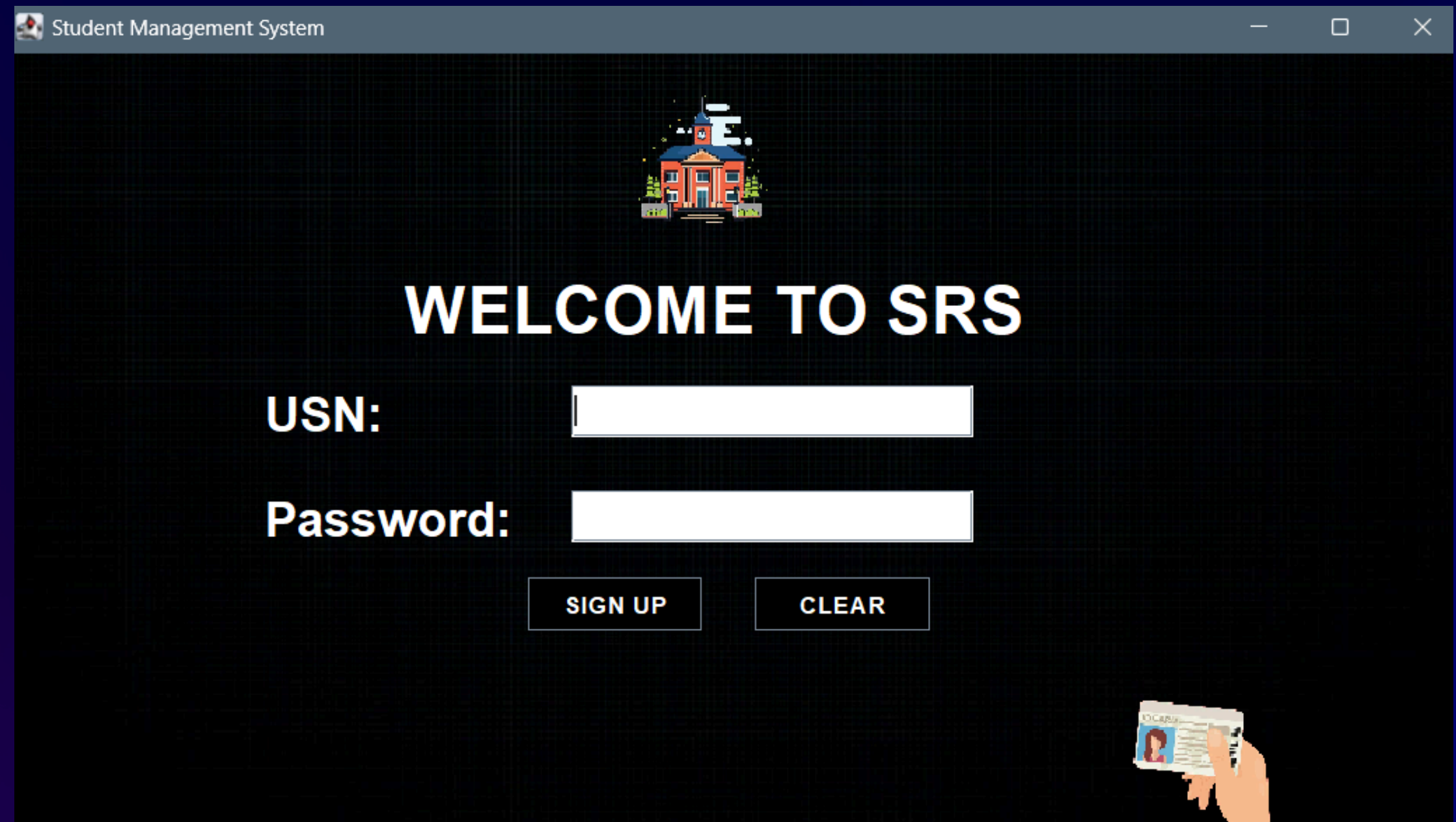
Use-Case

- **Student Enrollment:** Facilitates easy application and enrollment processes for students.
- **Data Collection:** Gathers comprehensive information about students' backgrounds and qualifications.
- **Efficient Management:** Enables streamlined organization and management of student records.
- **Automation:** Automates processing of applications, reducing manual workload.
- **Security:** Ensures secure access and protection of students' personal data.
- **Communication:** Facilitates timely and effective communication between the institution and students.
- **Analytics and Reporting:** Provides insights through analysis of enrollment trends and performance metrics.



Front-End: Login Page

Made using Java Swing and
Java AWT



Student Management System

WELCOME TO SRS

USN:

Password:

SIGN UP CLEAR

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Front-End: Application Page

Made using Java Swing and Java
AWT



APPLICATION FORM


 **APPLICATION FORM NO. 4227**

Page 1
Personal Details

Name :

Father's Name :

Gender ☐ Male ☐ Female

Date of Birth 

Email address :

Department : ☐ SOCSE ☐ BBA ☐ B.Des

Address :

City :

Pin Code :

State :

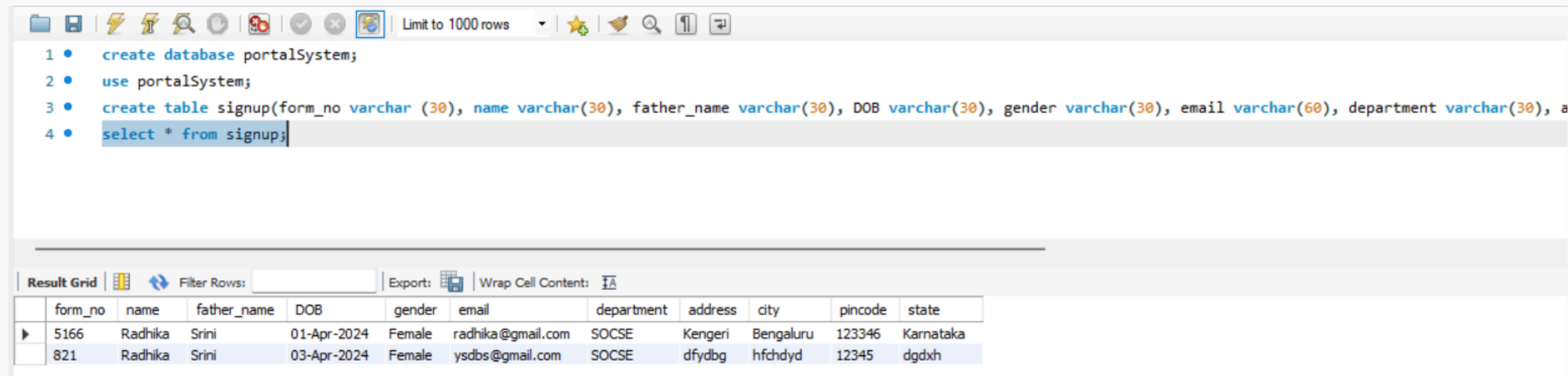
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Backend

For the Back-End, we have used JDBC and MySql Workbench as the database to store the values of the application. The last entry is updated as the most recent entry.



The screenshot shows the MySQL Workbench interface. The top toolbar includes icons for file operations, execution, and viewing options. The SQL editor contains the following queries:

```
1 • create database portalSystem;
2 • use portalSystem;
3 • create table signup(form_no varchar (30), name varchar(30), father_name varchar(30), DOB varchar(30), gender varchar(30), email varchar(60), department varchar(30), a
4 • select * from signup;
```

Below the editor, the 'Result Grid' tab is active, displaying two rows of data from the 'signup' table. The columns are: form_no, name, father_name, DOB, gender, email, department, address, city, pincode, and state.

	form_no	name	father_name	DOB	gender	email	department	address	city	pincode	state
▶	5166	Radhika	Srini	01-Apr-2024	Female	radhika@gmail.com	SOCSE	Kengeri	Bengaluru	123346	Karnataka
	821	Radhika	Srini	03-Apr-2024	Female	ysdbs@gmail.com	SOCSE	dfydbg	hfchdyd	12345	dgdxxh

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BookCherry

THANK YOU