

Student DataBase Portal

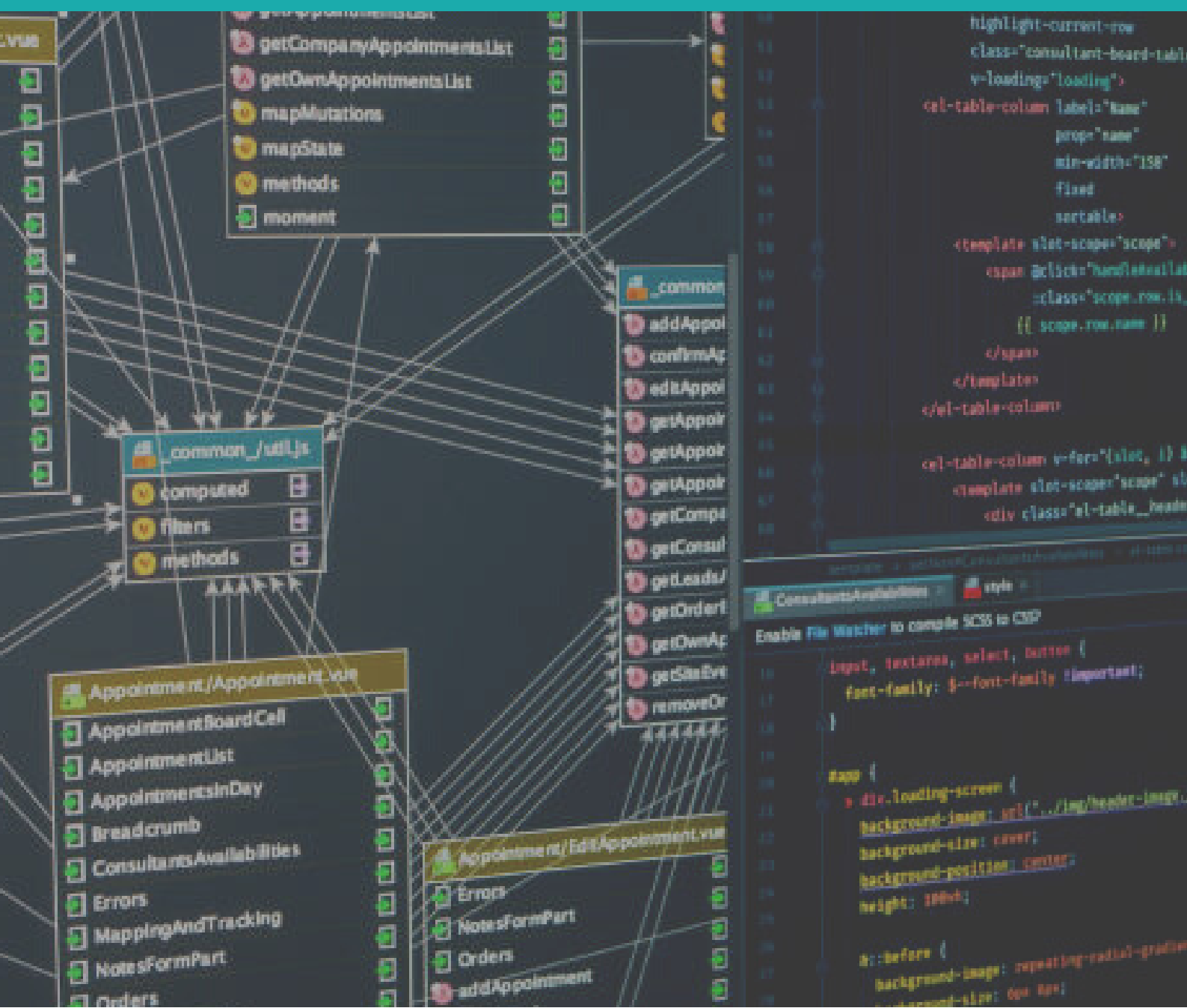
JUNE 2023

MySQL
JAVA

Prepared By:
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About Project

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A little bit about me at the time this project was created.



welcome, readers I'm Rutul, a third-year computer engineering student. Attending my academics at Government Engineering College, Modasa . Essentially, this project is one of several practical ones I have on my list for the academic course advance Java and Database management system(DBMS).

As I have my interest in data science, I chose this project and tried to make it as useful as possible. I hope you enjoy this explanation of my project that I have provided.



Project Description



It is a project for managing the entries of student in school or you can use it in any other organization also. Here you can add the data of students easily and store it to your database. You can also see the information of entered student whenever you want at one click. with the help of this system you can delete unwanted entries also, In sort you can manage your database by this system easily.

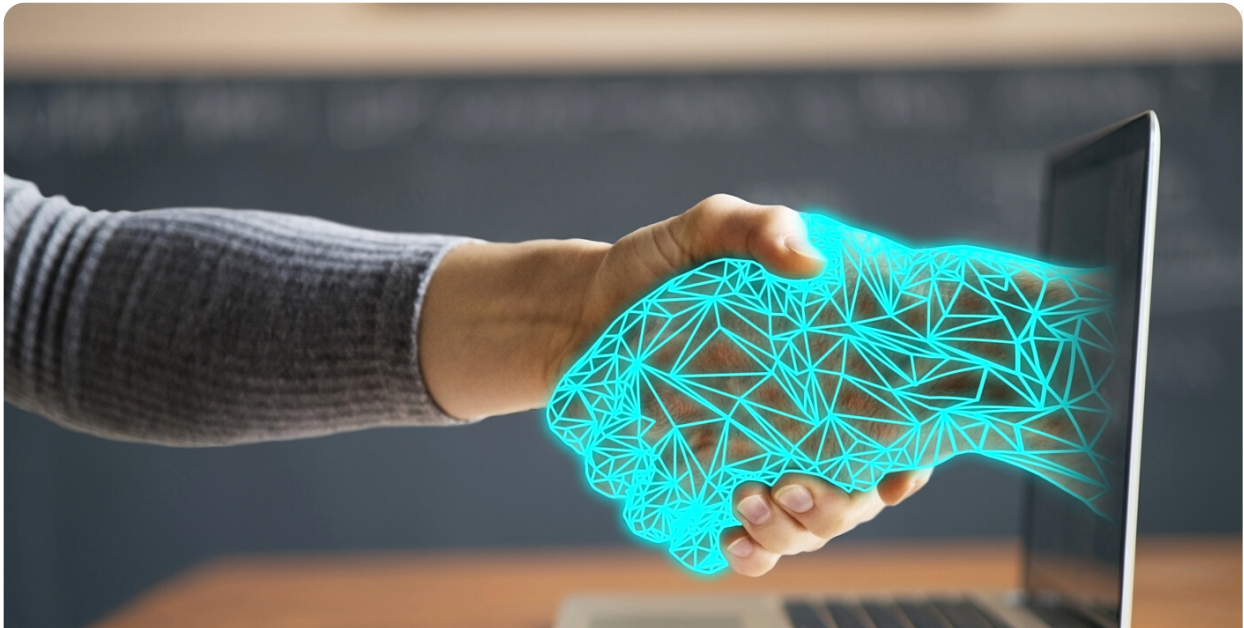
So, how I created this system and why?

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I created this straightforward database management system using the two key technologies of Java and MySQL. Java is used for web application and page management in java I choose java because I want take some test of this technology (and it is in my syllabus).

I picked MySQL for the project's database component since it is incredibly straightforward and effective for projects of this nature.





Technologies Used

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- for web application and backend
- used webServlet

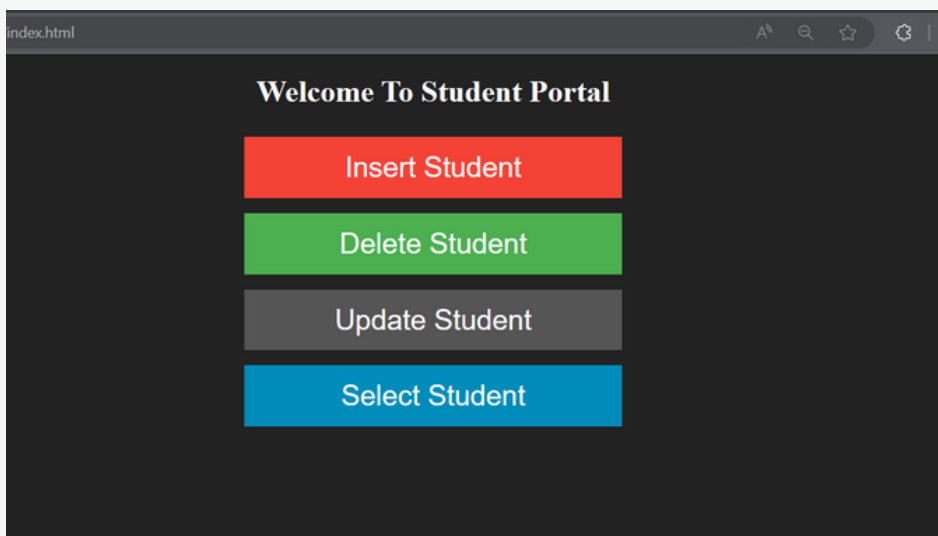


- Database system.
- at localhost

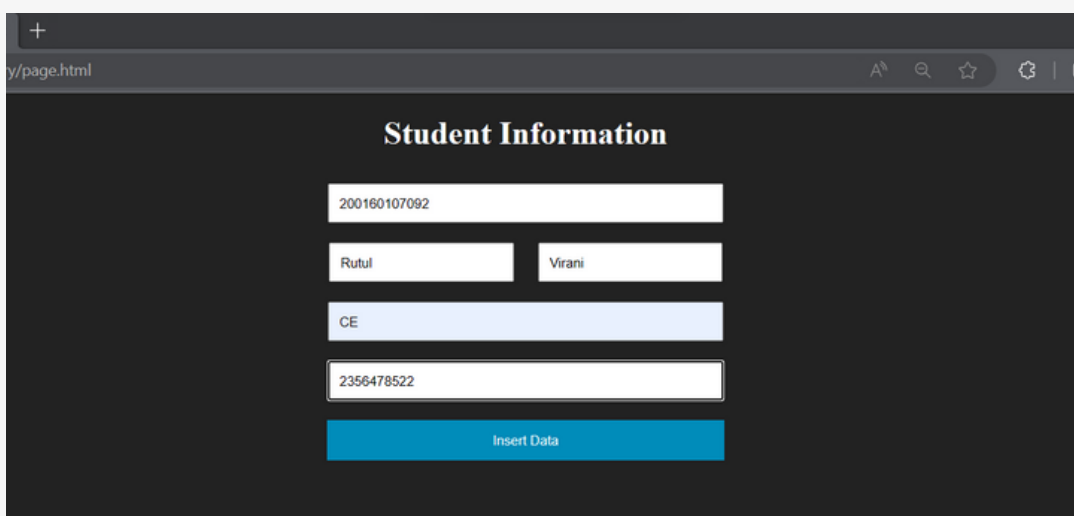
Photos of system



1) Home Page



2) Enter student Detail.



Photos of system



3) Enter enroll no to delete student data

A screenshot of a web browser window with the address bar showing 'delete.html'. The page has a dark background and is titled 'Student Information'. It contains a single text input field labeled 'Enrollment No' and a blue button labeled 'Delete Data' below it.

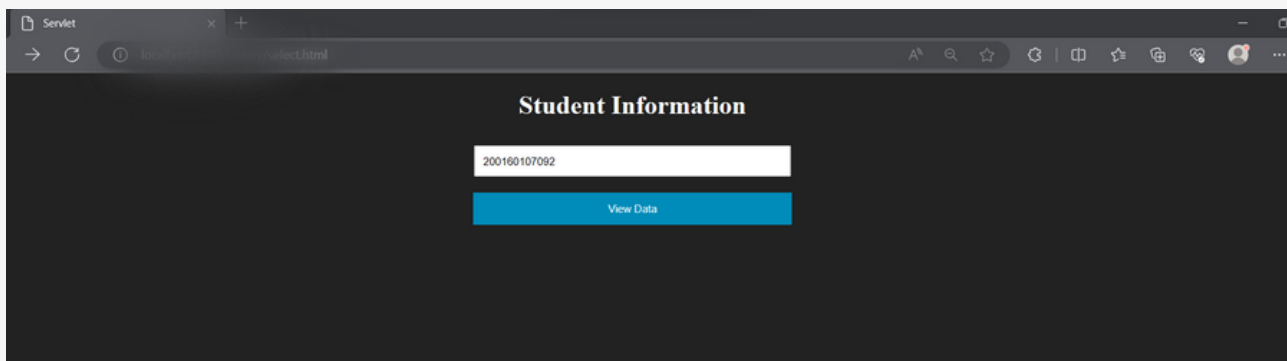
4) Update Student detail.

A screenshot of a web browser window with the address bar showing '/update.html'. The page has a dark background and is titled 'Student Information'. Below the title is the instruction 'Insert Enrollment No To Change Details Of Student'. There is a text input field for 'Enrollment No'. Below this is a section titled 'Insert New Data' which contains four text input fields: 'First Name', 'Last Name', 'Branch', and 'Mobile No'. At the bottom of this section is a blue button labeled 'Update Data'.

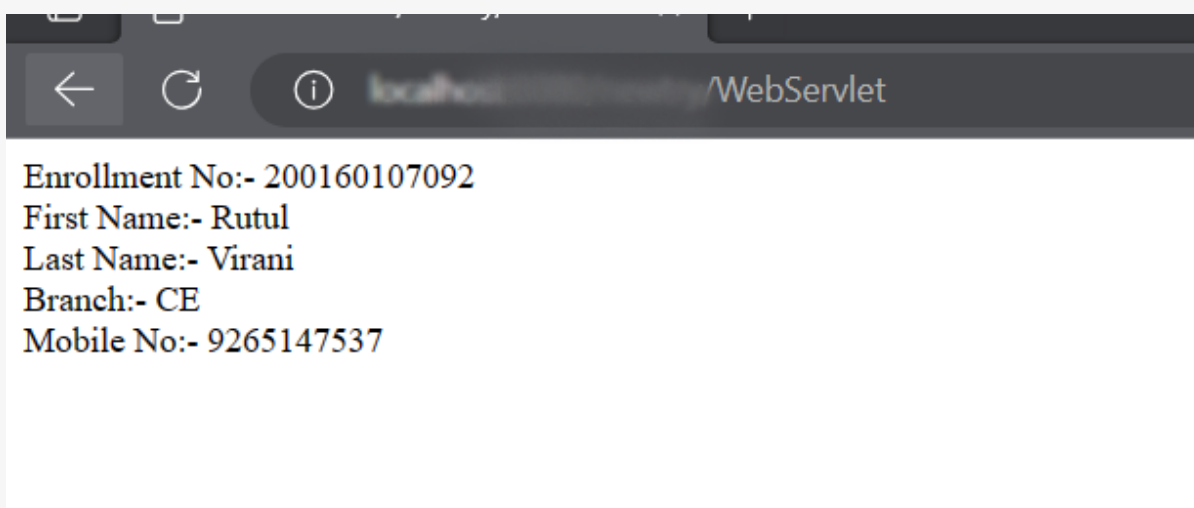
Photos of system



5) Enter enroll no to view student data



4) Show Student detail.



Photos of system



4) student database at MySQL

The screenshot displays the MySQL Workbench interface. On the left, the 'SCHEMAS' pane shows a tree view with 'student' selected. The main query editor shows a query: `SELECT * FROM student.student2;`. Below the query editor, the 'Result Grid' shows the following data:

	s_enrollno	s_firstname	s_lastname	s_branch	s_mobilen
▶	200160107088	Mitul	nagani	CE	7854648494
	200160107092	Rutul	Virani	CE	9265147537
	200160107018	Parth	Gupta	CE	9662069931
	200160107083	krushil	Thakkar	CE	5498956232
	200160116026	Harsh	Bhanushali	IT	2356478952
	200160107023	nidhi	Harsh	CE	9265147537
	200160107083	Rutul	Virani	CE	9265147537
	200160107092	Rutul	Virani	CE	9265147537

JDBC



Database Connectivity

In this portion we have to use driver to connect with database , and for that I used JDBC(Java Database Connectivity) driver.

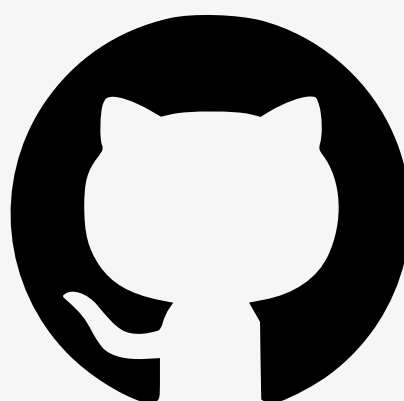
For that you have to put two jar files in your project.

- 1.servlet-api.jar

- 2.mysql-connector-j-8.0.33.jar

you can see it in my git repo given below.

View Code on Github



[click here to view](#)

I hope you likes the project.

Although the project is simple, I learnt a lot while implementing it, and the mistakes that I made in it enabled me to better understand things.

THANK YOU



Contact Me

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