Final Project

Xideral - Java Academy

Gerardo Andres Almaguer Ramos

Business Case

The school is looking to modernize its student management system by developing a web-based platform that streamlines the management of student information. The website will consist of five pages, each serving a specific function. The first page will display a list of all registered students, allowing administrators to easily view and manage the student database. The second page will offer a registration form for adding new students, capturing essential details like name, email, age, and phone number. The third page will provide an interface to edit student information, enabling updates when necessary. Finally, the fourth page will allow administrators to delete students from the system, ensuring that the student records are kept accurate and up to date. This platform will make it easier for the school to manage student data efficiently and accurately.

Home Page

It is the main page where the user can select between the different options offered by the website.

View Student Page

List of the Students

ID	Name	Email	Age	Phone
1	Juan Garcia	juangarcia@gmail.com	23	8113207844
2	David Valdez	davidvaldez@gmail.com	22	8118904235
3	Cesar Ramos	cesarr@gmail.com	27	8116466235
4	Diego Contreras	diegocontreras@gmail.com	25	8114363467
13	Gerardo Almaguer	geraalmaguerr@gmail.com	22	811345235

Cancel

In this page you can see all the students that are on the database.

Add Student Page

If the user wants, this page helps to register new students

Added Successfully!

List of the Students

ID	Name	Email	Age	Phone
1	Juan Garcia	juangarcia@gmail.com	23	8113207844
2	David Valdez	davidvaldez@gmail.com	22	8118904235
3	Cesar Ramos	cesarr@gmail.com	27	8116466235
4	Diego Contreras	diegocontreras@gmail.com	25	8114363467
13	Gerardo Almaguer	geraalmaguerr@gmail.com	22	811345235
14	Brandon Mendoza	brandon@gmail.com	23	8112312132

Cancel

Update Student Page

localhost:8080 says
Student updated successfully: {"idStudent":13,"nameStudent":"Andres Ramos","email":"andresrr@gmail.com","age":43,"phone":"821312313"}

OK
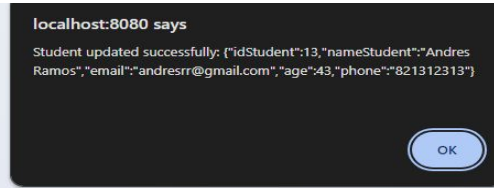
Student ID:

13

Name:

Andres Ramos

Email:

andresrr@gmail.com

Age:

43

Phone:

821312313

Update

Cancel

This page is used to edit or update data of previously registered students

Before the update

List of the Students

ID	Name	Email	Age	Phone
1	Juan Garcia	juangarcia@gmail.com	23	8113207844
2	David Valdez	davidvaldez@gmail.com	22	8118904235
3	Cesar Ramos	cesarr@gmail.com	27	8116466235
4	Diego Contreras	diegocontreras@gmail.com	25	8114363467
13	Gerardo Almaguer	geraalmaguerr@gmail.com	22	811345235
14	Brandon Mendoza	brandon@gmail.com	23	8112312132

Cancel

After the update - Updated Successfully!

List of the Students

ID	Name	Email	Age	Phone
1	Juan Garcia	juangarcia@gmail.com	23	8113207844
2	David Valdez	davidvaldez@gmail.com	22	8118904235
3	Cesar Ramos	cesarr@gmail.com	27	8116466235
4	Diego Contreras	diegocontreras@gmail.com	25	8114363467
13	Andres Ramos	andresrr@gmail.com	43	821312313
14	Brandon Mendoza	brandon@gmail.com	23	8112312132

Cancel

Delete Student Page

The functionality is to delete users already registered.

Deleted Successfully!

List of the Students

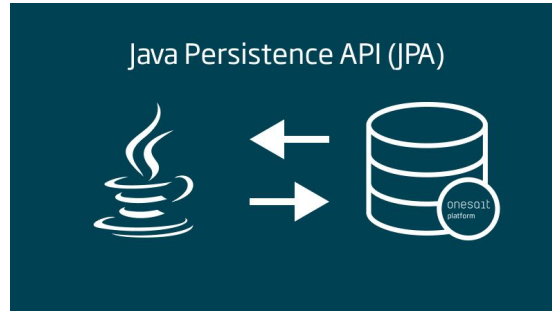| ID	Name	Email	Age	Phone
1	Juan Garcia	juangarcia@gmail.com	23	8113207844
2	David Valdez	davidvaldez@gmail.com	22	8118904235
3	Cesar Ramos	cesarr@gmail.com	27	8116466235
4	Diego Contreras	diegocontreras@gmail.com	25	8114363467
14	Brandon Mendoza	brandon@gmail.com	23	8112312132

Cancel

Conclusion

Spring

JPA

RESTful APIs