Create a Spring Boot project that will capture user feedback using a REST endpoint. The REST resource will take in parameters using HTTP POST. The feedback data will be then added to a database table.

//Student registration

Package hema.com.traning

import java.util.ArrayList;

import java.util.List;

public class StudentRegistration {

private List<Student> studentRecords;

private static StudentRegistration stdregd = null;

private StudentRegistration(){

studentRecords = new ArrayList<Student>();

}

public static StudentRegistration getInstance() {

if(stdregd == null) {

stdregd = new StudentRegistration();

return stdregd;

}

else {

return stdregd;

}

}

public void add(Student std) {

studentRecords.add(std);

}

public String upDateStudent(Student std) {

for(int i=0; i<studentRecords.size(); i++)

{

Student stdn = studentRecords.get(i);

if(stdn.getRegistrationNumber().equals(std.getRegistrationNumber())) {

studentRecords.set(i, std);//update the new record

return "Update successful";

}

}

return "Update un-successful";

}

public String deleteStudent(String registrationNumber) {

for(int i=0; i<studentRecords.size(); i++)

{

Student stdn = studentRecords.get(i);

if(stdn.getRegistrationNumber().equals(registrationNumber)){

studentRecords.remove(i);//update the new record

return "Delete successful";

}

}

return "Delete un-successful";

}

public List<Student> getStudentRecords() {

return studentRecords;

}

}

//Student registration reply

public class StudentRegistrationReply {

String name;

int age;

String registrationNumber;

String registrationStatus;

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public int getAge() {

return age;

}

public void setAge(int age) {

this.age = age;

}

public String getRegistrationNumber() {

return registrationNumber;

}

public void setRegistrationNumber(String registrationNumber) {

this.registrationNumber = registrationNumber;

}

public String getRegistrationStatus() {

return registrationStatus;

}

public void setRegistrationStatus(String registrationStatus) {

this.registrationStatus = registrationStatus;

}

}