package com.learner.controller;

import java.util.List;

import javax.ws.rs.Consumes;

import javax.ws.rs.DELETE;

import javax.ws.rs.GET;

import javax.ws.rs.PATCH;

import javax.ws.rs.POST;

import javax.ws.rs.Path;

import javax.ws.rs.PathParam;

import javax.ws.rs.Produces;

import javax.ws.rs.core.MediaType;

import com.learner.model.Student;

import com.learner.service.StudentService;

import com.learner.service.implementation.StudentServiceImplementation;

@Path("/student")

public class StudentController {

private StudentService service = new StudentServiceImplementation();

@POST

@Consumes(MediaType.APPLICATION\_JSON)

@Produces(MediaType.APPLICATION\_JSON)

public Student createStudent(Student student) {

return service.createStudent(student);

}

@GET

@Path("/{studentId}")

@Consumes(MediaType.APPLICATION\_JSON)

@Produces(MediaType.APPLICATION\_JSON)

public Student getStudentById(@PathParam("studentId") int studentId) {

return service.getStudentById(studentId);

}

@GET

@Produces(MediaType.APPLICATION\_JSON)

public List<Student> getAllStudents() {

return service.getAllStudents();

}

@PATCH

@Produces(MediaType.APPLICATION\_JSON)

@Consumes(MediaType.APPLICATION\_JSON)

public Student updateStudent(Student student) {

return service.updateStudent(student);

}

@DELETE

@Path("/{studentId}")

@Consumes(MediaType.APPLICATION\_JSON)

public void removeStudent(@PathParam("studentId") int studentId) {

service.deleteStudent(studentId);

}

}

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@Produces(MediaType.APPLICATION\_JSON)

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return service.createStudent(student);

}

@GET

@Path("/{studentId}")

@Consumes(MediaType.APPLICATION\_JSON)

@Produces(MediaType.APPLICATION\_JSON)

public Student getStudentById(@PathParam("studentId") int studentId) {

return service.getStudentById(studentId);

}

@GET

@Produces(MediaType.APPLICATION\_JSON)

public List<Student> getAllStudents() {

return service.getAllStudents();

}

@PATCH

@Produces(MediaType.APPLICATION\_JSON)

@Consumes(MediaType.APPLICATION\_JSON)

public Student updateStudent(Student student) {

return service.updateStudent(student);

}

@DELETE

@Path("/{studentId}")

@Consumes(MediaType.APPLICATION\_JSON)

public void removeStudent(@PathParam("studentId") int studentId) {

service.deleteStudent(studentId);

}

}

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import javax.ws.rs.Consumes;

import javax.ws.rs.DELETE;

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import javax.ws.rs.POST;

import javax.ws.rs.Path;

import javax.ws.rs.PathParam;

import javax.ws.rs.Produces;

import javax.ws.rs.core.MediaType;

import com.learner.model.Teacher;

import com.learner.service.TeacherService;

import com.learner.service.implementation.TeacherServiceImplementation;

@Path("/teacher")

public class TeacherController {

private TeacherService service = new TeacherServiceImplementation();

@POST

@Consumes(MediaType.APPLICATION\_JSON)

@Produces(MediaType.APPLICATION\_JSON)

public Teacher createTeacher(Teacher teacher) {

return service.createTeacher(teacher);

}

@GET

@Path("/{teacherId}")

@Consumes(MediaType.APPLICATION\_JSON)

@Produces(MediaType.APPLICATION\_JSON)

public Teacher getTeacherById(@PathParam("teacherId") int teacherId) {

return service.getTeacherById(teacherId);

}

@GET

@Produces(MediaType.APPLICATION\_JSON)

public List<Teacher> getAllTeachers() {

return service.getAllTeachers();

}

@PATCH

@Produces(MediaType.APPLICATION\_JSON)

@Consumes(MediaType.APPLICATION\_JSON)

public Teacher updateTeacher(Teacher teacher) {

return service.updateTeacher(teacher);

}

@DELETE

@Path("/{teacherId}")

@Consumes(MediaType.APPLICATION\_JSON)

public void removeTeacher(@PathParam("teacherId") int teacherId) {

service.deleteTeacher(teacherId);

}

}

package com.learner.controller;

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import javax.ws.rs.Consumes;

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import javax.ws.rs.PATCH;

import javax.ws.rs.POST;

import javax.ws.rs.Path;

import javax.ws.rs.PathParam;

import javax.ws.rs.Produces;

import javax.ws.rs.core.MediaType;

import com.learner.model.Classes;

import com.learner.service.ClassesService;

import com.learner.service.implementation.ClassesServiceImplementation;

@Path("/classes")

public class ClassesController {

private ClassesService service = new ClassesServiceImplementation();

@POST

@Consumes(MediaType.APPLICATION\_JSON)

@Produces(MediaType.APPLICATION\_JSON)

public Classes createClasses(Classes classes) {

return service.createClasses(classes);

}

@GET

@Path("/{classId}")

@Consumes(MediaType.APPLICATION\_JSON)

@Produces(MediaType.APPLICATION\_JSON)

public Classes getClassesById(@PathParam("classId") int classId) {

return service.getClassesById(classId);

}

@GET

@Produces(MediaType.APPLICATION\_JSON)

public List<Classes> getAllClasses() {

return service.getAllClasses();

}

@PATCH

@Produces(MediaType.APPLICATION\_JSON)

@Consumes(MediaType.APPLICATION\_JSON)

public Classes updateClasses(Classes classes) {

return service.updateClasses(classes);

}

@DELETE

@Path("/{classId}")

@Consumes(MediaType.APPLICATION\_JSON)

public void removeClasses(@PathParam("classId") int classId) {

service.deleteClasses(classId);

}

}