Student Management API

Overview

API for managing Student Data.

Security

Type	Name	Scopes
apiKey	Bearer	

Paths

POST `/api/v1/Assignment/CreateAssignment` Creates a new assignment with the provided details.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

DELETE `/api/v1/Assignment/DeleteAssignment` Deletes an assignment based on the provided assignment ID.

Parameters

Type	Name	Description	Schema
query	**assignmentId** *optional*	The ID of the assignment to be deleted.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

PUT /api/v1/Assignment/UpdateAssignmentDueDate **Updates the due date of an existing assignment based on the provided assignment ID.**

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/Assignment/GetAssignmentById **Retrieves an assignment's details based on the provided assignment ID.**

Parameters

Type	Name	Description	Schema
query	**assignmentId** *optional*	The ID of the assignment to be retrieved.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/Assignment/GetAllAssignments **Retrieves a list of all assignments.**

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links

Code	Description	Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

POST /api/v1/AssignmentSubmission/SubmitAssignment
Submits an assignment with the provided submission details.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET
/api/v1/AssignmentSubmission/GetAssignedAssignments
Gets all the assignments assigned to the student.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links

Code	Description	Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/AssignmentSubmission/GetAssignedAssignmentsByCourse Gets all the assignments assigned to the student for a particular course.

Parameters

Type	Name	Description	Schema
query	**courseCode** *optional*	The course code for which the assignments are to be fetched.	string

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/AssignmentSubmission/GetSubmittedAssignment Gets the submission status of the assignment for the student.

Parameters

Type	Name	Description	Schema
query	**studentId** *optional*	The student id for which the submission status is to be fetched.	integer (int32)
query	**assignmentId** *optional*	The assignment id for which the submission status is to be fetched.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

POST `/api/v1/Class/AddClass` **Adds a new class to the database.**

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

Code	Description	Links
409	Conflict *Content* **text/plain** **application/json** **text/json**	No Links

DELETE `/api/v1/Class/DeleteClass` **Deletes a class from the database.**

Parameters

Type	Name	Description	Schema
query	**classId** *optional*	The Id of the class to be deleted.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET `/api/v1/Class/GetClass` **Gets the details of a class.**

Parameters

Type	Name	Description	Schema
query	**classId** *optional*	The Id of the class for which the details are to be fetched.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET `/api/v1/Class/GetClasses` Gets all the classes in the database.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

PUT `/api/v1/Class/UpdateClassTime` Updates the timeing of a class.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

POST /api/v1/ClassAttendance/MarkStudentAttendance
Marks the attendance of a student in a class.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links
409	Conflict *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/ClassAttendance/GetAttendanceByClass **Gets the attendance of a class.**

Parameters

Type	Name	Description	Schema
query	**classId** *optional*	The Id of the class for which the attendance is to be fetched.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/ClassAttendance/GetAttendanceByStudent **Gets the attendance of a student.**

Parameters

Type	Name	Description	Schema
query	**studentId** *optional*	The Id of the student for which the attendance is to be fetched.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links

Code	Description	Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET

/api/v1/ClassAttendance/GetAttendanceByClassAndStudent
Gets the attendance of a student in a class.

Parameters

Type	Name	Description	Schema
query	**studentId** *optional*	The Id of the student for which the attendance is to be fetched.	integer (int32)
query	**classId** *optional*	The Id of the class for which the attendance is to be fetched.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

PUT /api/v1/ClassAttendance/UpdateAttendance Updates the attendance of a student in a class.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

POST /api/v1/Course/CreateCourse Creates a new course with the provided course details.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
409	Conflict *Content* **text/plain** **application/json** **text/json**	No Links

DELETE /api/v1/Course/DeleteCourse Deletes a course based on the provided course code.

Parameters

Type	Name	Description	Schema
query	**courseCode** *optional*	The code of the course to be deleted.	string

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

PUT `/api/v1/Course/UpdateCourseCreditHours` Updates the credit hours of an existing course based on the provided course code.

Parameters

Type	Name	Description	Schema
query	**creditHours** *optional*	The new credit hours for the course.	integer (int32)
query	**courseCode** *optional*	The code of the course to be updated.	string

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/Course/GetCourseByCode Retrieves a course's details based on the provided course code.

Parameters

Type	Name	Description	Schema
query	**courseCode** *optional*	The code of the course to be retrieved.	string

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/Course/GetAllCourses Retrieves a list of all courses.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

POST
/api/v1/CourseOffering/AssignTeacherForCourseOffering
Assigns a teacher to a course offering.

Parameters

Type	Name	Description	Schema
query	**teacherid** *optional*	The Id of the teacher to be assigned.	integer (int32)
query	**CourseCode** *optional*	The code of the course offering to which the teacher is to be assigned.	string

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links
409	Conflict *Content* **text/plain** **application/json** **text/json**	No Links

POST
/api/v1/CourseOffering/UpdateTeacherForCourseOffering
Updates the teacher assigned to a course offering.

Parameters

Type	Name	Description	Schema
query	**teacherid** *optional*	The Id of the teacher to be assigned.	integer (int32)

Type	Name	Description	Schema
query	**CourseCode** *optional*	The code of the course offering to which the teacher is to be assigned.	string

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links
409	Conflict *Content* **text/plain** **application/json** **text/json**	No Links

POST /api/v1/CourseOffering/UnassignTeacherFromCourseOffering Unassigns a teacher from a course offering.

Parameters

Type	Name	Description	Schema
query	**teacherid** *optional*	The Id of the teacher to be unassigned.	integer (int32)
query	**CourseCode** *optional*	The code of the course offering from which the teacher is to be unassigned.	string

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET

/api/v1/CourseOffering/GetCourseOfferingByTeacherId
Gets the course offering details by teacher Id.

Parameters

Type	Name	Description	Schema
query	**teacherid** *optional*	The Id of the teacher for which the course offering details are to be fetched.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/CourseOffering/GetCourseOfferingByCourseCode Gets the course offering details by course code.

Parameters

Type	Name	Description	Schema
query	**CourseCode** *optional*	The code of the course for which the course offering details are to be fetched.	string

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/CourseOffering/GetAllCourseOfferings Gets all the course offerings.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

POST /api/v1/Enrollment/EnrollStudentInCourse **Enrolls a student in a course.**

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links
409	Conflict *Content* **text/plain** **application/json** **text/json**	No Links

POST /api/v1/Enrollment/UnenrollStudentFromCourse **Unenrolls a student from a course.**

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/Enrollment/GetEnrollmentsByStudentId
Retrieves a student's enrollments based on the provided student ID.

Parameters

Type	Name	Description	Schema
query	**studentId** *optional*	The ID of the student for which the enrollments are to be fetched.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/Enrollment/GetEnrollmentsByCourseId
Retrieves a course's enrollments based on the provided course code.

Parameters

Type	Name	Description	Schema
query	**courseCode** *optional*	The code of the course for which the enrollments are to be fetched.	string

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET `/api/v1/Enrollment/GetAllEnrollments` Retrieves all enrollments.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

POST `/api/v1/Student/RegisterStudent` Registers a new student with the provided registration details.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
400	Bad Request *Content* **text/plain** **application/json** **text/json**	No Links
500	Server Error *Content* **text/plain** **application/json** **text/json**	No Links

PUT /api/v1/Student/UpdateStudentEmail Updates the email of a student based on the provided student ID.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

PUT /api/v1/Student/UpdateStudentPhone **Updates the phone number of a student based on the provided student ID.**

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

PUT /api/v1/Student/UpdateStudentStatus **Updates the status of a student based on the provided student ID.**

Parameters

Type	Name	Description	Schema
query	**studentId** *optional*	The ID of the student to be updated.	integer (int32)
query	**status** *optional*	The new status for the student.	string

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links

Code	Description	Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/Student/GetStudentById Retrieves a student's details based on the provided student ID.

Parameters

Type	Name	Description	Schema
query	**studentId** *optional*	The ID of the student to be retrieved.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/Student/GetAllStudents Retrieves a list of all students.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

DELETE /api/v1/Student/DeleteStudent Deletes a student based on the provided student ID.

Parameters

Type	Name	Description	Schema
query	**studentId** *optional*	The ID of the student to be deleted.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

POST /api/v1/Teacher/RegisterTeacher Registers a new teacher with the provided registration details.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
500	Server Error *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/Teacher/GetTeacherById Retrieves a teacher's details based on the provided teacher ID.

Parameters

Type	Name	Description	Schema
query	**teacherId** *optional*	The ID of the teacher to be retrieved.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

GET /api/v1/Teacher/GetAllTeachers Retrieves a list of all teachers.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

PUT /api/v1/Teacher/UpdateTeacherEmail Updates a teacher's email based on the provided teacher ID.

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

PUT /api/v1/Teacher/UpdateTeacherPhone **Updates a teacher's phone number based on the provided teacher ID.**

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

DELETE /api/v1/Teacher/DeleteTeacherRecord **Deletes a teacher based on the provided teacher ID.**

Parameters

Type	Name	Description	Schema
query	**teacherId** *optional*	The ID of the teacher to be deleted.	integer (int32)

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

POST /api/v1/User/Login **Authenticates a user based on the provided login credentials for JWT Token.**

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
401	Unauthorized *Content* **text/plain** **application/json** **text/json**	No Links
403	Forbidden *Content* **text/plain** **application/json** **text/json**	No Links

POST /api/v1/User/RegisterAccount **Registers a new user with the provided registration details.**

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
401	Unauthorized *Content* **text/plain** **application/json** **text/json**	No Links

Code	Description	Links
403	Forbidden *Content* **text/plain** **application/json** **text/json**	No Links
409	Conflict *Content* **text/plain** **application/json** **text/json**	No Links

GET `/api/v1/User/GetAllUsers` **Retrieves all users.**

Responses

Code	Description	Links
200	Success *Content* **text/plain** **application/json** **text/json**	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

POST `/api/v1/User/ActivateUser` **Activates a user.**

Parameters

Type	Name	Description	Schema
query	**id** *optional*	User ID of the user to be activated	integer (int32)

Responses

Code	Description	Links
200	Success	No Links

Code	Description	Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

POST /api/v1/User/DeactivateUser Deactivates a user.

Parameters

Type	Name	Description	Schema
query	**id** *optional*	User ID of the user to be deactivated	integer (int32)

Responses

Code	Description	Links
200	Success	No Links
404	Not Found *Content* **text/plain** **application/json** **text/json**	No Links

Components

Schemas

ActionResult

AssignmentDTO

Properties

Name	Description	Schema
assignmentId *optional*		integer (int32)
title *required*	**Minimum Length**: 1	string
assignmentDue Date *required*		string (date)

Name	Description	Schema
courseCode *required*	**Minimum Length**: 1	string

AssignmentSubmisssionReturnDTO

Properties

Name	Description	Schema
assignmentId *optional*		integer (int32)
fileName *optional*		string
submissionDate *optional*		string (date)

AssignmentUpdateDTO

Properties

Name	Description	Schema
assignmentId *optional*		integer (int32)
assignmentDueDate *optional*		string (date)

ClassAttendanceDTO

Properties

Name	Description	Schema
classId *optional*		integer (int32)
studentId *optional*		integer (int32)
status *optional*		string

ClassAttendanceReturnDTO

Properties

Name	Description	Schema
classId *optional*		integer (int32)

Name	Description	Schema
studentId *optional*		integer (int32)
status *optional*		string
date *optional*		string (date-time)

ClassRegisterDTO

Properties

Name	Description	Schema
courseOffering Id *optional*		integer (int32)
classDateAndTi me *optional*		string (date-time)

ClassReturnDTO

Properties

Name	Description	Schema
classId *optional*		integer (int32)
courseOffering Id *optional*		integer (int32)
teacherId *optional*		integer (int32)
teacherName *optional*		string
courseName *optional*		string
courseCode *optional*		string
classDateAndTi me *optional*		string (date-time)

CourseDTO

Properties

Name	Description	Schema
courseName *optional*		string

Name	Description	Schema
courseCode *optional*		string
courseCredit *optional*		integer (int32)

CourseOfferingDTO

Properties

Name	Description	Schema
courseOffering Id *optional*		integer (int32)
teacherId *optional*		integer (int32)
courseCode *optional*		string

CreateAssignmentDTO

Properties

Name	Description	Schema
title *optional*		string
assignmentDue Date *optional*		string (date)
courseCode *optional*		string

EnrollmentDTO

Properties

Name	Description	Schema
studentId *optional*		integer (int32)
courseCode *optional*		string

EnrollmentReturnDTO

Properties

Name	Description	Schema
enrollmentId *optional*		integer (int32)
studentId *optional*		integer (int32)
courseCode *optional*		string
enrollmentDate *optional*		string (date-time)

ErrorModel

Properties

Name	Description	Schema
errorCode *optional*		integer (int32)
errorMessage *optional*		string

LoginReturnDTO

Properties

Name	Description	Schema
accessToken *optional*		string
tokenType *optional*		string
role *optional*		string

RegisteredUserDTO

Properties

Name	Description	Schema
accountId *optional*		integer (int32)
userName *optional*		string
role *optional*		string
status *optional*		string

Name	Description	Schema
registrationDate *optional*		string (date-time)

StudentRegisterDTO

Properties

Name	Description	Schema
fullName *optional*		string
rollNo *optional*		string
department *optional*		string
dateOfBirth *optional*		string (date)
gender *optional*		string
phone *optional*	**Maximum Length**: 10	string (tel)
email *required*	**Minimum Length**: 1	string (email)
status *optional*		string
degree *optional*		string
branch *optional*		string

StudentReturnDTO

Properties

Name	Description	Schema
studentId *optional*		integer (int32)
fullName *optional*		string
rollNo *optional*		string
department *optional*		string
dateOfBirth *optional*		string (date)
gender *optional*		string

Name	Description	Schema
phone *optional*		string
email *optional*		string
status *optional*		string

TeacherRegisterDTO

Properties

Name	Description	Schema
fullName *optional*		string
gender *optional*		string
dateOfBirth *required*		string (date)
phone *optional*	**Maximum Length**: 10	string (tel)
email *required*	**Minimum Length**: 1	string (email)

TeacherReturnDTO

Properties

Name	Description	Schema
teacherId *optional*		integer (int32)
fullName *optional*		string
gender *optional*		string
dateOfBirth *optional*		string (date)
phone *optional*		string
email *optional*		string

UpdateClassDTO

Properties

Name	Description	Schema
classId *optional*		integer (int32)

Name	Description	Schema
classDateAndTime *optional*		string (date-time)

UpdateEmailDTO

Properties

Name	Description	Schema
id *optional*		integer (int32)
email *required*	**Minimum Length**: 1	string (email)

UpdatePhoneDTO

Properties

Name	Description	Schema
id *optional*		integer (int32)
phone *optional*	**Maximum Length**: 10	string (tel)

UserLoginDTO

Properties

Name	Description	Schema
userName *optional*		string
password *optional*		string

UserRegisterDTO

Properties

Name	Description	Schema
accountId *optional*		integer (int32)
userName *optional*		string
password *optional*		string
role *optional*		string