### /register ; POST

data:

{

'first\_name' : 'Tarik',

'last\_name' : 'Celik',

'email' : '[mechy69@email.com](mailto:mechy69@email.com)',

'Password' : 'password123',

'is\_teacher' : true

}

Returns:

OK:

{

{

'first\_name' : 'Tarik',

'last\_name' : 'Celik',

'email' : '[mechy69@email.com](mailto:mechy69@email.com)',

'Password' : 'password123',

'is\_teacher' : true

},

200

}

Bad Request:

{

{

‘error’ : ‘Email already exists

},

400

}

### /login ; POST

data:

{

'email' : '[mechy69@email.com](mailto:mechy69@email.com)',

'Password' : 'password123'

}

Returns:

OK:

{

{

'message' : 'Login successful',

'token' : 'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiaWF0IjoxNTE2MjM5MDIyfQ.SflKxwRJSMeKKF2QT4fwpMeJf36POk6yJV\_adQssw5c',

'user\_id' : 69,

'Is\_teacher': true

},

200

}

Unauthorized:

{

{

‘error’ : ‘Invalid email or password’

},

401

}

### /logout ; POST

data:

{

headers : {

'Content-Type' : 'application/json',

'Authorization' : 'Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiaWF0IjoxNTE2MjM5MDIyfQ.SflKxwRJSMeKKF2QT4fwpMeJf36POk6yJV\_adQssw5c '

}

}

Returns:

OK:

{

{

'message' : 'Logout successful'

},

200

}

Unauthorized:

{

{

‘error’: ‘Authorization token missing'

},

401

}

### /dashboard/course-list ; GET

data:

{

headers : {

'Content-Type' : 'application/json',

'Authorization' : 'Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiaWF0IjoxNTE2MjM5MDIyfQ.SflKxwRJSMeKKF2QT4fwpMeJf36POk6yJV\_adQssw5c '

}

}

Returns:

OK:

{

‘course\_list’ : [

‘COMP3900’,

‘MTRN3100’,

‘DESN3000’’

],

200

}

Unauthorized:

{

{

‘error’: ‘Authorization token missing'

},

401

}

### /courses/create ; POST

data:

{

headers : {

'Content-Type' : 'application/json',

'Authorization' : 'Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiaWF0IjoxNTE2MjM5MDIyfQ.SflKxwRJSMeKKF2QT4fwpMeJf36POk6yJV\_adQssw5c '

},

‘course\_name’ : ‘COMP3900’

}

Returns:

OK:

{

{

‘message’ : ‘Course created successfully’,

‘course\_id’ : 123

},

201

}

Course\_name exists in database:

Bad Request:

{

{

‘error’: ‘Course name already exists’'

},

400

}

Unauthorized:

{

{

‘error’: ‘Authorization token missing'

},

401

}

Is\_teacher is false:

Unauthorized:

{

{

‘error’: ‘User permission denied'

},

401

}

### /courses/<int:course\_id>/invite ; POST

data:

{

headers : {

'Content-Type' : 'application/json',

'Authorization' : 'Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiaWF0IjoxNTE2MjM5MDIyfQ.SflKxwRJSMeKKF2QT4fwpMeJf36POk6yJV\_adQssw5c '

},

‘student\_email’ : ‘mechy69@email.com’

}

Returns:

OK:

{

{

‘message’: ‘User enrolled in the course successfully’

},

200

}

Teacher already in course

Bad Request:

{

{

‘error’: ‘Each course can only have one teacher’

},

400

}

Student already in course

Bad Request:

{

{

‘error’: ‘Student already enrolled in the course’

},

400

}

Unauthorized:

{

{

‘error’: ‘Authorization token missing’

},

401

}

is\_teacher is false

Unauthorized:

{

{

‘error’: ‘User permission denied’

},

401

}

Not Found:

{

{

‘error’: ‘Student not found’

},

404

}

### /courses/<int:course\_id>/students ; GET

data:

{

headers : {

'Content-Type' : 'application/json',

'Authorization' : 'Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiaWF0IjoxNTE2MjM5MDIyfQ.SflKxwRJSMeKKF2QT4fwpMeJf36POk6yJV\_adQssw5c '

}

}

Returns:

OK:

{

‘student\_info’ : [

{

‘name’ : ‘Anthony Davis’,

‘email’ : ‘ad69@email.com’

},

{

‘name’ : ‘Bruno Mars’,

‘email’ : ‘bm69@email.com'

},

{

‘name’ : ‘Tobey Maguire’,

‘email’ : ‘tm69@email.com’

}

],

200

}

Unauthorized:

{

{

‘error’: ‘Authorization token missing’

},

401

}

No matching course for course\_id

Not Found:

{

{

‘error’: ‘Course not found’

},

404

}

### /courses/<int:course\_id>/create-class ; POST

data:

{

headers : {

'Content-Type' : 'application/json',

'Authorization' : 'Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiaWF0IjoxNTE2MjM5MDIyfQ.SflKxwRJSMeKKF2QT4fwpMeJf36POk6yJV\_adQssw5c '

},

‘class\_name’ : ‘Pointers and Malloc’

}

Returns:

OK:

{

{

‘message’ : ‘Class successfully created’

},

200

}

Unauthorized:

{

{

‘error’: ‘Authorization token missing’

},

401

}

No matching course to course\_id

Not found:

{

{

‘error’: ‘Course not found’

},

404

}

### /courses/<int:course\_id>/classes ; GET

data:

{

headers : {

'Content-Type' : 'application/json',

'Authorization' : 'Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiaWF0IjoxNTE2MjM5MDIyfQ.SflKxwRJSMeKKF2QT4fwpMeJf36POk6yJV\_adQssw5c '

}

}

Returns:

OK:

{

{

‘online\_classes’ : [

{

‘id’ : 69,

‘name’ : ‘Pointers and Malloc’,

‘course\_id’ : 123

},

{

‘id’ : 6969,

‘name’ : ‘Structs and Classes’,

‘course\_id’ : 123

},

{

‘id’ : 696969,

‘name’ : ‘BFS and DFS’,

‘course\_id’ : 123

}

],

‘many’ : true

},

200

}

Unauthorized:

{

{

‘error’: ‘Authorization token missing’

},

401

}

No matching course to course\_id

Not Found:

{

{

‘error’: ‘Course not found’

},

404

}