



Team Name: Team A

Team Members:

Prisoris Jr, Roberto M.

Arac, Jenny Babe C.

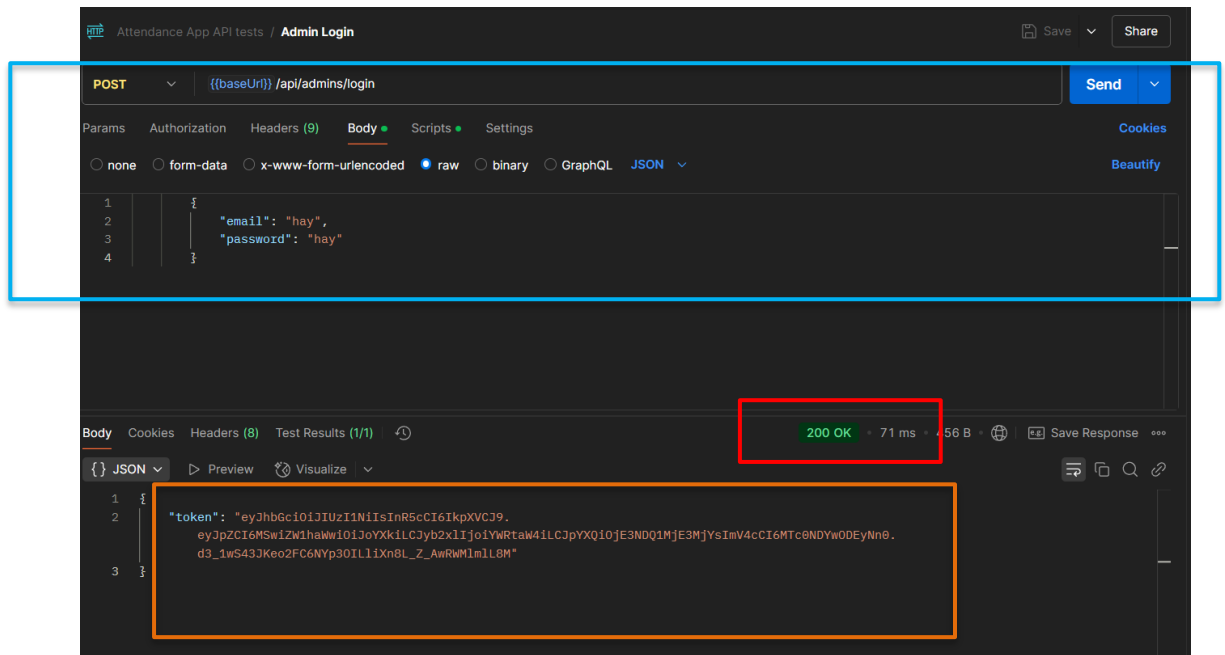
Diocares, Kit Adrian B.

Mendoza, Shannen G.

API Testing Using Postman

1. User Login

- Admin Login



Request: POST request to login endpoint

Response: 200 OK - Successful admin authentication

Output: JSON response containing admin user data and authentication token



Output: JSON response containing student user data and authentication token



2. Test Protected Routes (using token)

- Get Teacher Profile

Attendance App API tests / Get Teacher Profile

GET {{baseUri}} /api/teachers/profile

Headers (9)

Key	Value	Description
Content-Type	application/json	
Authorization	Bearer {{teacherToken}}	

Body

200 OK · 54 ms · 391 B

```
1 {
2   "id": 3,
3   "firstName": "Terry",
4   "lastName": "Watts",
5   "email": "terry@gmail.com",
6   "phoneNumber": "95659581946",
7   "profilePicture": null
8 }
```

Request: GET request to teacher profile endpoint

Authentication: Bearer token from teacher login

Response: 200 OK - Successfully retrieved teacher profile

Output: JSON response with teacher profile data

- Get Student Profile

Attendance App API tests / Get Student Profile

GET {{baseUri}} /api/students/profile

Headers (9)

Key	Value	Description
Content-Type	application/json	
Authorization	Bearer {{studentToken}}	

Body

200 OK · 15 ms · 300 B

```
1 {
2   "id": 1,
3   "firstName": "Roberto M. ",
4   "lastName": "Prisoris",
5   "email": "rob",
6   "studentId": "2022-2703",
7   "course": "BSIT",
8   "profilePicture": null
9 }
```

Request: GET request to student profile endpoint

Authentication: Bearer token from student login

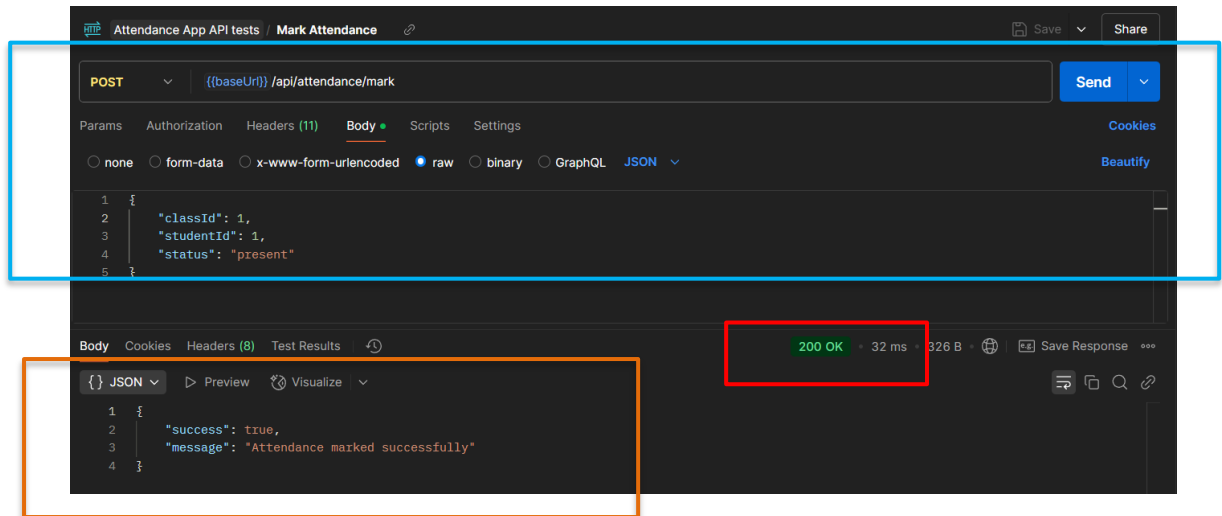
Response: 200 OK - Successfully retrieved student profile

Output: JSON response with student profile data



3. Class Management

- **Mark Attendance**

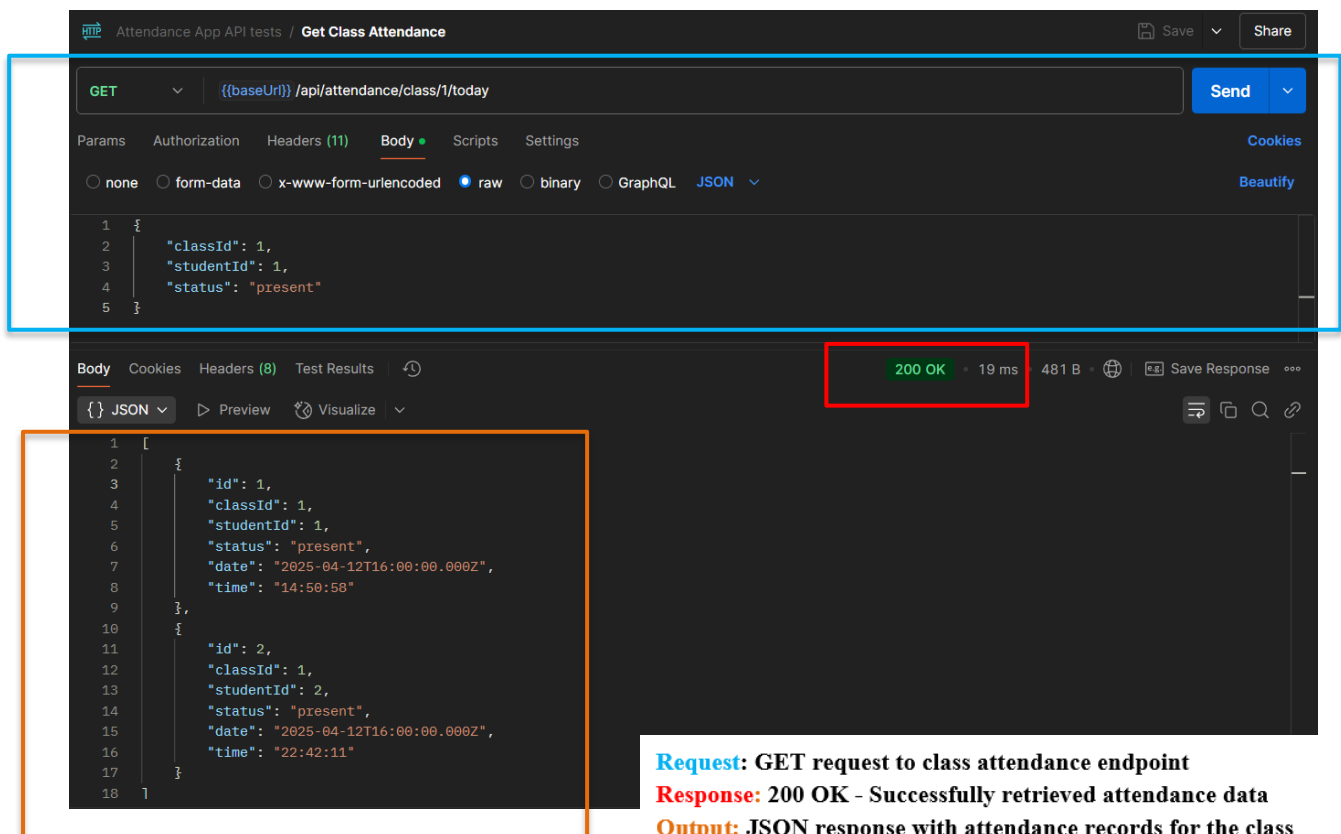


Request: POST request to attendance endpoint

Response: 200 OK - Successfully marked attendance

Output: JSON confirmation of attendance recording

- **Get Class Attendance**



Request: GET request to class attendance endpoint

Response: 200 OK - Successfully retrieved attendance data

Output: JSON response with attendance records for the class



Attendance App API tests / **Create New Class**

POST {{baseUrl}}/api/classes

Params Authorization Headers (11) **Body** Scripts Settings

none form-data x-www-form-urlencoded **raw** binary GraphQL JSON

```
1 {
2   "subjectCode": "TEST101",
3   "subjectDescription": "Test Class",
4   "schedule": "MWF 9:00-10:30"
5 }
```

Body Cookies Headers (8) Test Results

201 Created • 165 ms 337 B Save Response

{ JSON Preview Visualize

```
1 {
2   "success": true,
3   "message": "Class added successfully",
4   "classId": 5
5 }
```

Request: POST request to class creation endpoint

Response: 201 Created - Successfully created new class

Output: JSON confirmation with new class details

- **Get Class Enrolled Students**

Attendance App API tests / **Get Enrolled Students**

GET {{baseUrl}}/api/enrollments/class/1/enrolled-students

Params Authorization **Headers (8)** Body Scripts Settings

Headers 7 hidden

Key	Value	Description
Authorization	Bearer {{teacherToken}}	

Body Cookies Headers (8) Test Results

200 OK • 110 ms 605 B Save Response

{ JSON Preview Visualize

```
1 [
2   {
3     "id": 1,
4     "firstName": "Roberto M. ",
5     "lastName": "Prisoris",
6     "studentId": "2022-2703",
7     "email": "rob",
8     "course": "BSIT",
9     "enrollmentDate": "2025-04-13T07:56:07.000Z"
10  },
11  {
12    "id": 2,
13    "firstName": "Lady Marianne O. ",
14    "lastName": "Bauyot",
15    "studentId": "2022-1809",
16    "email": "ladybauyot8883@gmail.com",
17    "course": "BSCE",
18    "enrollmentDate": "2025-04-13T07:56:07.000Z"
19  }
20 ]
```

Request: GET request to class enrollment endpoint

Response: 200 OK - Successfully retrieved enrollment data

Output: JSON response with list of students enrolled in the class



4. User Registration

- Student Registration

The screenshot displays a REST client interface for the 'Attendance App API tests' with the endpoint 'Student Registration'. The request is a POST to '[[baseUrl]] /api/students/register' with a JSON body containing student details. The response is a 201 Created status with a 222 ms response time and a JSON body confirming successful registration.

```
POST {{baseUrl}} /api/students/register
```

```
{  "firstName": "Test",  "lastName": "Student",  "studentId": "2023-TEST",  "email": "test.student@example.com",  "course": "BSIT",  "password": "password123"}
```

201 Created • 222 ms 332 B

```
{  "success": true,  "message": "Student registered successfully"}
```

Request: POST request to student registration endpoint

Response: 201 Created - Successfully registered student

Output: JSON confirmation of student registration

- Teacher Registration

The screenshot displays a REST client interface for the 'Attendance App API tests' with the endpoint 'Teacher Registration'. The request is a POST to '[[baseUrl]] /api/teachers/register' with a JSON body containing teacher details. The response is a 201 Created status with a 91 ms response time and a JSON body confirming successful registration.

```
POST [[baseUrl]] /api/teachers/register
```

```
{  "firstName": "Test",  "lastName": "Teacher",  "email": "test.teacher@example.com",  "password": "password123",  "phoneNumber": "1234567890"}
```

201 Created • 91 ms 332 B

```
{  "success": true,  "message": "Teacher registered successfully"}
```

Request: POST request to teacher registration endpoint

Response: 201 Created - Successfully registered teacher

Output: JSON confirmation of teacher registration

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