**Unit Tests**

**User Registration Swagger**

Use Case: Register a New User

HTTP Method: POST

Endpoint: /api/users/register

**Request Body:**

json

Copy code

{

"name": "atta",

"email": "atta@gmail.com",

"passwordHash": "password"

}

**Expected Response:**

Status Code: 201 Created

Response Body: User details (without password)

Description: A new user is registered with an email and password.

**2. User Login and Obtain JWT Token Swagger**

Use Case: User Login to Get JWT Token

HTTP Method: POST

Endpoint: /api/users/login

**Request Body:**

json

{

"email": "atta@gmail.com",

"password": "password"

}

**Expected Response:**

Status Code: 200 OK

**Response Body:**

json

{

"token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiIxMjM0NTY3ODkwIiwiaWF0IjoxNjEyMzQ1Njc4LCJleHBpcmVkX3NlY3VyaXR5X3ZhbHVlIjoiZXlKaGFXUWlPa2R2YmtWaGMyVnlUMjN0NzVuYjNPSyJ9.pjgg7eZmHgA3kLzV-NYYjhtOfjfeZXjmztUw8gV66PE"

}

Description: After successful login, the user receives a JWT token.

**3. Create Event Swagger**

Use Case: Create a New Event

HTTP Method: POST

Endpoint: /api/events

Headers:

Request Body:

{

"name": "dkit xmas",

"description": "party",

"date": "2024-12-07T20:10:35.527Z"

}

**Expected Response:**

Status Code: 201 Created

**Response Body:**

json

Copy code

{

"eventId": 5,

"name": "dkit xmas",

"description": "party",

"date": "2024-12-07T20:10:35.527Z"

}

Description: The event is created successfully, and the event ID is returned.

**4. Get Event by ID Swagger**

Use Case: Get Event Details

HTTP Method: GET

Endpoint: /api/events/{eventId}

Headers:

**Expected Response:**

Status Code: 200 OK

Response Body:

json

Copy code

{

"eventId": 5,

"name": "dkit xmas",

"description": "party",

"date": "2024-12-07T20:10:35.527",

"tickets": null

}

Description: Retrieve the details of a specific event by its ID.

**5. Update Event Swagger**

Use Case: Update Event Details

HTTP Method: PUT

Endpoint: /api/events/{eventId}

Headers:

Authorization: Bearer {JWT token}

**Request Body:**

Json

{

"eventId": 5,

"name": "dkit",

"description": "party",

"date": "2024-12-07T20:10:35.527"

}

**Expected Response**:

Status Code: 204 No Content

Description: Event details are updated successfully. No body returned on success.

6. **Delete Event Swagger**

Use Case: Delete Event

HTTP Method: DELETE

Endpoint: /api/events/{eventId}

Expected Response:

Status Code: 204 No Content

Description: The specified event is deleted successfully.

**7. Get All Events Swagger**

Use Case: Get List of All Events

HTTP Method: GET

Endpoint: /api/events

**Expected Response:**

Status Code: 200 OK

Response Body:

json

[

{

"eventId": 3,

"name": "kkkk",

"description": "Updated description",

"date": "2024-12-10T19:00:00",

"tickets": null

},

{

"eventId": 4,

"name": "Summer",

"description": "Summer Sleep",

"date": "2024-12-07T17:48:09.425",

"tickets": null

}

]]

Description: Retrieve all events in the system.