API Bug Report

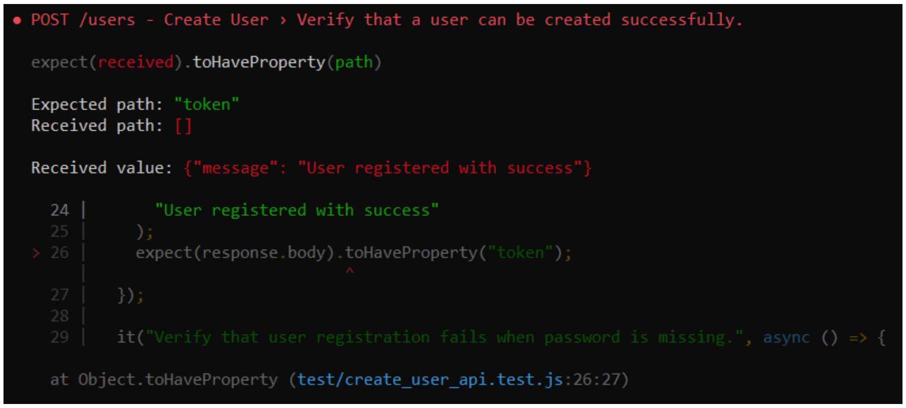
Field	Description
Issue ID	1
title	Missing Token in Response Body When Creating a User via POST /users
summary	When sending a valid POST request to /users to create a user, the response should include a token along with a success message. However, only the success message is returned, and the token is missing
preconditions	Ensure the server is running using the command **npm run dev**

Steps to reproduce	Send a **POST** request to /users with the following payload:
	{
	  "name": "Test User",
	  "email": "testuser@example.com",
	  "password": "password123"
	}

Expected result	The response should contain a **token** property along with the success message:
	{
	  "token": "Valid token",
	  "message": "User registered with success"
	}

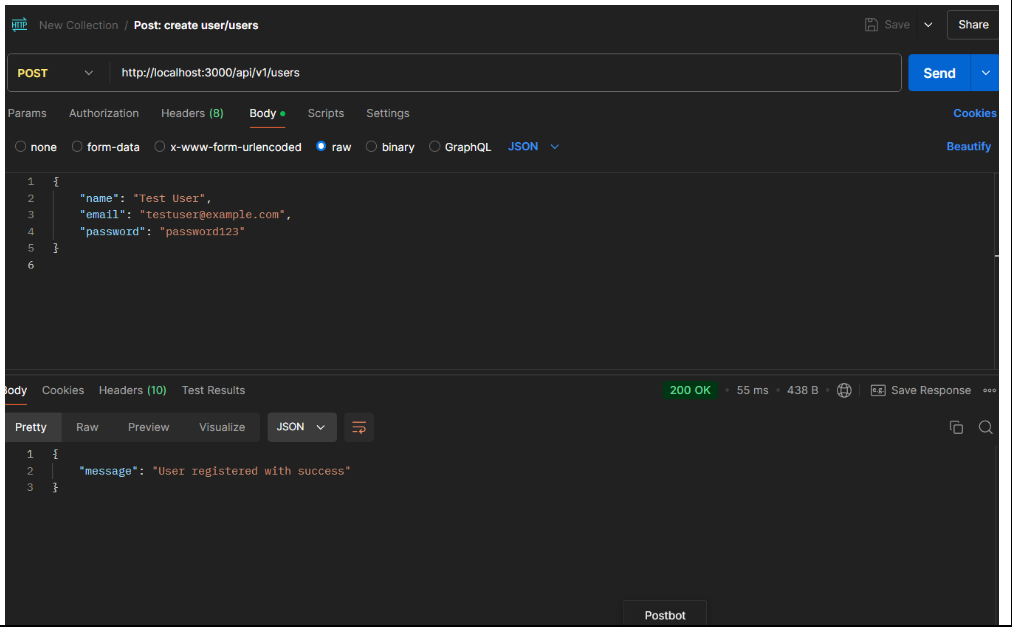
Actual result	The response only includes the success message:
	{
	  "message": "User registered with success"
	}

priority	High
environment	• **API Endpoint:** /users • **Request Type:** POST • **Tool Used:** Postman/SuperTest • **Status Code Received:** 200 OK • **Test Framework:** Jest
Attachment	



```
● POST /users - Create User › Verify that a user can be created successfully.

  expect(received).toHaveProperty(path)

  Expected path: "token"
  Received path: []

  Received value: {"message": "User registered with success"}

    24 |         "User registered with success"
    25 |       );
  > 26 |       expect(response.body).toHaveProperty("token");
       |                             ^
    27 |     });
    28 |
    29 |     it("Verify that user registration fails when password is missing.", async () => {

    at Object.toHaveProperty (test/create_user_api.test.js:26:27)
```

- Postman screenshot:



POST http://localhost:3000/api/v1/users

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
    "name": "Test User",
    "email": "testuser@example.com",
    "password": "password123"
}
```

Body 200 OK · 55 ms · 438 B

Pretty Raw Preview Visualize JSON

```
{
    "message": "User registered with success"
}
```

Field	Description
Issue ID	2
title	User creation succeeds Even When Password is Missing

summary	When sending a POST request to the /users endpoint without a password, the API responds with status code 200 OK and and the message:
	{
	  "message": "User registered with success"
	}

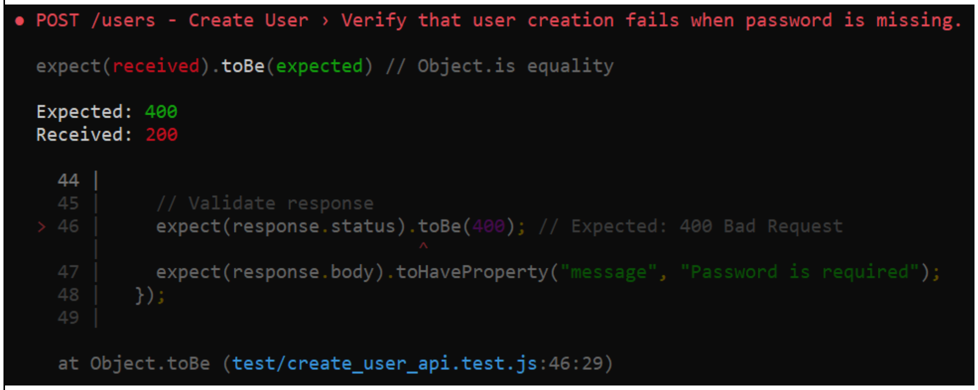
preconditions	Ensure the server is running using the command **npm run dev**

Steps to reproduce	Send a **POST** request to /users with the following payload:
	{
	    "name": "Test User",
	    "email": "testuser@example.com"
	}

Expected result	The API should return a 400 Bad Request response, indicating that the password is required.
	The expected response body
	{
	 "message": "Password is required"
	 }

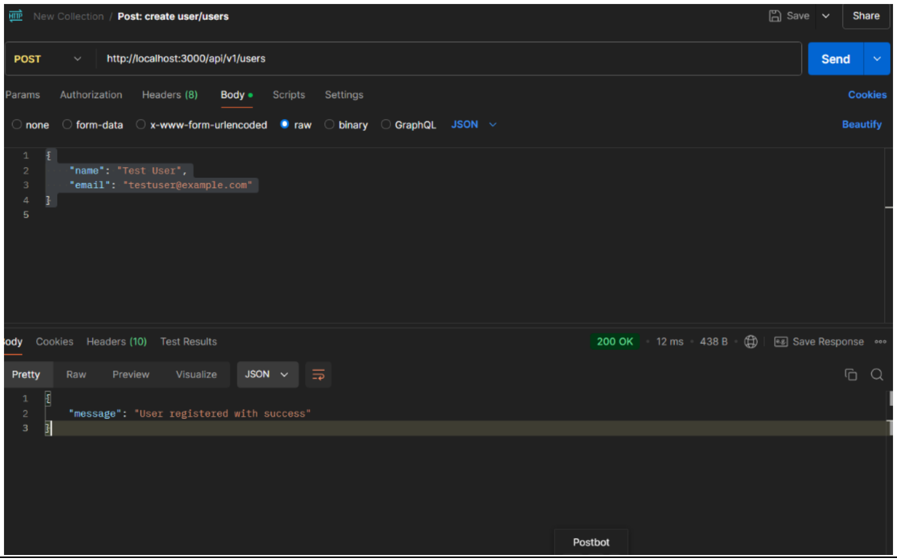
Actual result	The API responds with a 200 OK status and the following message
	{
	    "message": "User registered with success"
	}

priority	High
Severity	High
environment	• **API Endpoint:** /users • **Request Type:** POST • **Tool Used:** Postman/SuperTest • **Status Code Received:** 200 OK • **Test Framework:** Jest
Attachment	1- Screenshot from running **npm test :**



```
● POST /users - Create User › Verify that user creation fails when password is missing.

  expect(received).toBe(expected) // Object.is equality

  Expected: 400
  Received: 200

    44 |
    45 |       // Validate response
  > 46 |       expect(response.status).toBe(400); // Expected: 400 Bad Request
       |                               ^
    47 |       expect(response.body).toHaveProperty("message", "Password is required");
    48 |     });
    49 |

    at Object.toBe (test/create_user_api.test.js:46:29)
```

2- Postman screenshot



POST http://localhost:3000/api/v1/users

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
    "name": "Test User",
    "email": "testuser@example.com"
}
```

ody

200 OK · 12 ms · 438 B

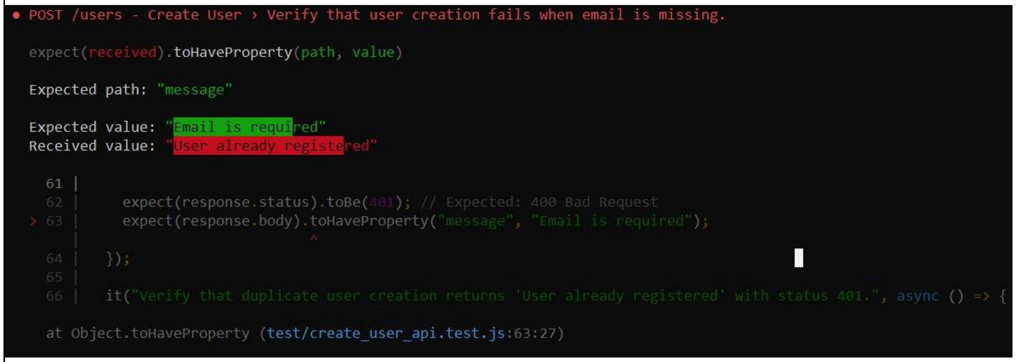
JSON

```
{
    "message": "User registered with success"
}
```

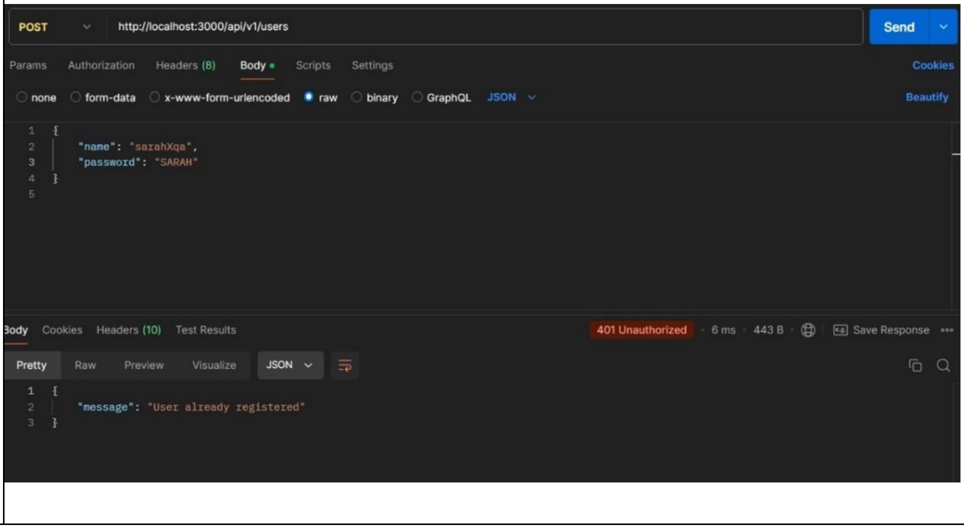
Field	Description
Issue ID	3
title	Incorrect Error Message When Email Is Missing in User Registration
summary	When sending a POST request to the /users endpoint without an email field, the API responds with a "User already registered" message and user creation shouldn't be done without the email.
preconditions	Ensure the server is running using the command **npm run dev**

Steps to reproduce	Send a **POST** request to /users with the following payload:
	{
	  "name": "sarahXqa",
	  "password": "SARAH"
	}

Expected result	The response should return a status code 400 Bad Request with the message: { "message": "Email is required" }
Actual result	The response returned the following incorrect message with status code 401: { "message": "User already registered" }
priority	High
Severity	High
environment	• **API Endpoint:** /users • **Request Type:** POST • **Tool Used:** Postman/SuperTest • **Status Code Received:** 401 Unauthorized • **Test Framework:** Jest

Attachment	3- Screenshot from running **npm test command:**
	
	● POST /users - Create User › Verify that user creation fails when email is missing.
	
	expect(received).toHaveProperty(path, value)
	
	Expected path: "message"
	
	Expected value: "Email is required"
	Received value: "User already registered"
	
	61 |
	62 | expect(response.status).toBe(401); // Expected: 400 Bad Request
	> 63 | expect(response.body).toHaveProperty("message", "Email is required");
	   | ^
	64 | });
	65 |
	66 | it("Verify that duplicate user creation returns 'User already registered' with status 401.", async () => {
	
	at Object.toHaveProperty (test/create_user_api.test.js:63:27)

4- Postman screenshot



POST http://localhost:3000/api/v1/users

```
{
    "name": "sarahXqa",
    "password": "SARAH"
}
```

401 Unauthorized · 6 ms · 443 B

```
{
    "message": "User already registered"
}
```

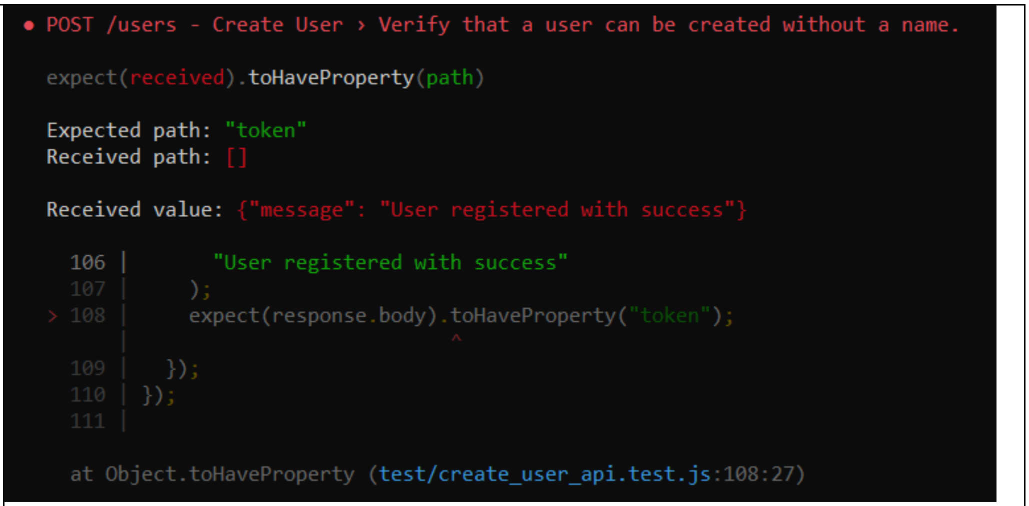
Field	Description
Issue ID	4
title	Token Not Returned When User Created Without a Name via POST/users
summary	When sending a POST request to the /users endpoint without providing a name field, the user is successfully registered, but the response body does not include the required token
preconditions	Ensure the server is running using the command **npm run dev**

Steps to reproduce	Send a **POST** request to /users with the following payload:
	{
	
	"email": "testuser@example.com",
	"password": "password123"
	}

Expected result	The response should contain a **token** property along with the success message:
	{
	"token": "Valid token",
	"message": "User registered with success"
	}

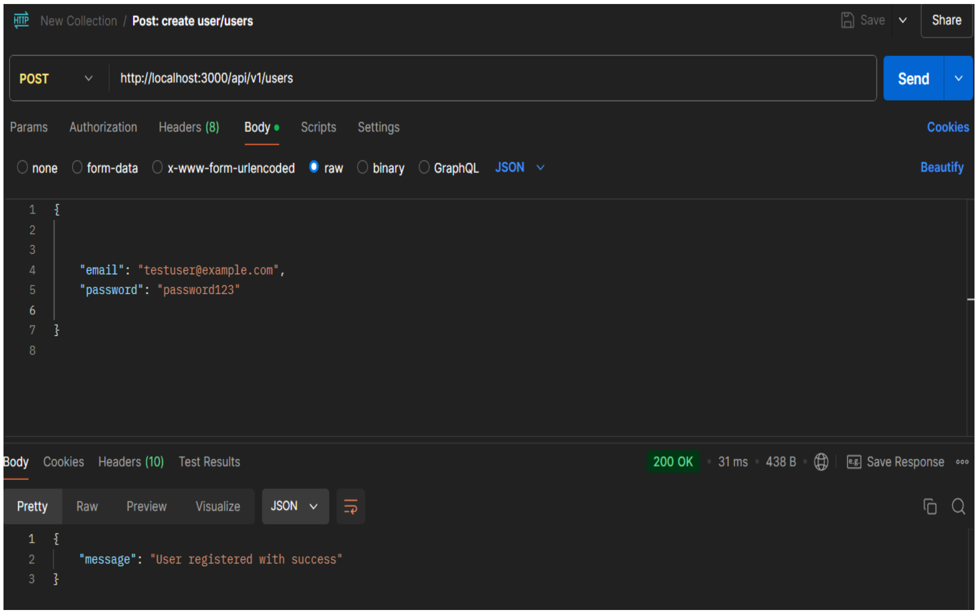
Actual result	The response only includes the success message:
	{
	"message": "User registered with success"
	}

priority	High
environment	• **API Endpoint:** /users • **Request Type:** POST • **Tool Used:** Postman/SuperTest • **Status Code Received:** 200 OK • **Test Framework:** Jest
Attachment	1- Screenshot from running npm test command:



```
● POST /users - Create User › Verify that a user can be created without a name.

  expect(received).toHaveProperty(path)

  Expected path: "token"
  Received path: []

  Received value: {"message": "User registered with success"}

    106 |         "User registered with success"
    107 |       );
  > 108 |       expect(response.body).toHaveProperty("token");
        |                             ^
    109 |     });
    110 |   });
    111 |

    at Object.toHaveProperty (test/create_user_api.test.js:108:27)
```

2- Screenshot from postman:



POST http://localhost:3000/api/v1/users Send

Body: ○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{


  "email": "testuser@example.com",
  "password": "password123"

}

```

Body — 200 OK · 31 ms · 438 B — JSON

```
{
  "message": "User registered with success"
}
```