API Endpoint: Reset Password

Endpoint Details

- **URL:**
  `http://localhost:5000/api/user/resetpassword/<reset_token>`
- **Method:** PUT
- **Description:** This endpoint resets the user's password using the provided reset token. It takes the new `password` as a parameter.

Request Parameters

Parameter	Type	Required	Description
password	string	Yes	User's new password

Test Cases

1. Successful Password Reset

- **Description:** Verify that the password is successfully reset with a valid reset token and new password.
- **Input:**
  - URL:
    `http://localhost:5000/api/user/resetpassword/<valid_reset_token>`
  - Body: `{ "password": "newvalidpassword" }`
- **Expected Response:**
  - **Status Code:** 200 OK
  - **Body:** JSON object containing a success message (e.g., `{ "message": "Password reset successfully" }`)

2. Missing Password

- **Description:** Verify that the API returns an error when the password is missing.
- **Input:**
  - URL:
    `http://localhost:5000/api/user/resetpassword/<valid_reset_token>`

- Body: `{}`
- **Expected Response:**
  - **Status Code:** 400 Bad Request
  - **Body:** JSON object containing an error message about the missing password

3. Invalid or Expired Reset Token

- **Description:** Verify that the API returns an error when the reset token is invalid or expired.
- **Input:**
  - URL:
    `http://localhost:5000/api/user/resetpassword/<invalid_or_expired_reset_token>`
  - Body: `{ "password": "newvalidpassword" }`
- **Expected Response:**
  - **Status Code:** 400 Bad Request
  - **Body:** JSON object containing an error message about the invalid or expired reset token

Test Results

Test Case	Status	Response Code	Response Body	Remarks
Successful Password Reset	Pass	200	{ "message": "Password reset successfully" }	Password reset successfully
Missing Password	Pass	400	{ "error": "Password is required" }	Appropriate error message shown
Invalid or Expired Reset Token	Pass	400	{ "error": "Invalid or expired reset token" }	Appropriate error message shown

Remark: The API works well but needs to be improved as token is not deleted after updation of the password