# Bug Tickets – (Create Users)

## Ticket#1

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| **Bug ID** | BUG001 |
| **Title** | Missing Token in User Creation Response |
| **Date Reported** | 2024-10-23 |
| **Reported By** | Mostafa Monged |
| **Module** | User Creation (`POST /api/v1/users`) |
| **Description** | When creating a new user, the API response contains the success message 'User registered with success,' but the expected token is either missing or not provided where the response indicates it should be. This issue prevents clients from retrieving the authentication token for the newly created user. |
| **Steps to Reproduce** | 1. Send a POST request to `/api/v1/users` with valid user data (name, email, password). 2. Inspect the API response. |
| **Expected Behavior** | The API should return both a success message and a valid authentication token for the user. |
| **Actual Behavior** | The API returns the success message but the token is missing or not accessible. |
| **Possible Fix** | Ensure the token is included in the API response and accessible under the expected field. |
| **Status** | Open |

## Ticket#2

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| **Bug ID** | BUG002 |
| **Title** | No error returned for missing required field (password) |
| **Date Reported** | 2024-10-23 |
| **Reported By** | Mostafa Monged |
| **Module** | User Creation (`POST /api/v1/users`) |
| **Description** | When attempting to create a user without providing a password, the API returns a 200 OK response instead of an error indicating missing required fields. |
| **Steps to Reproduce** | 1. Send a POST request to `/api/v1/users` without the `password` field. 2. Inspect the API response. |
| **Expected Behavior** | The API should return an error indicating that the password field is required.  Example: message:'Missing required fields' |
| **Actual Behavior** | The API returns a success message instead of reporting the missing password field. |
| **Possible Fix** | Ensure the API checks for missing fields and returns the appropriate error message. |
| **Status** | Open |

## Ticket#3

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| **Bug ID** | BUG003 |
| **Title** | No error returned for missing required field (name) |
| **Date Reported** | 2024-10-23 |
| **Reported By** | Mostafa Monged |
| **Module** | User Creation (`POST /api/v1/users`) |
| **Description** | When attempting to create a user without providing a name, the API returns a 200 OK response instead of an error indicating missing required fields. |
| **Steps to Reproduce** | 1. Send a POST request to `/api/v1/users` without the `name` field. 2. Inspect the API response |
| **Expected Behavior** | The API should return an error indicating that the name field is required.  Example: message:'Missing required fields' |
| **Actual Behavior** | The API returns a success message instead of reporting the missing name field. |
| **Possible Fix** | Ensure the API checks for missing fields and returns the appropriate error message. |
| **Status** | Open |

## Ticket#4

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| **Bug ID** | BUG004 |
| **Title** | No error returned for missing required field (email) |
| **Date Reported** | 2024-10-23 |
| **Reported By** | Mostafa Monged |
| **Module** | User Creation (`POST /api/v1/users`) |
| **Description** | When attempting to create a user without providing an email, the API returns a 200 OK response instead of an error indicating missing required fields. |
| **Steps to Reproduce** | 1. Send a POST request to `/api/v1/users` without the `email` field. 2. Inspect the API response. |
| **Expected Behavior** | The API should return an error indicating that the email field is required.  Example: message:'Missing required fields' |
| **Actual Behavior** | The API returns a success message instead of reporting the missing email field. |
| **Possible Fix** | Ensure the API checks for missing fields and returns the appropriate error message. |
| **Status** | Open |

# Unspecified Behavior

There is no clear specification or validation on email format and password strength in the API documentation. The API currently allows any email format and passwords of any length, which could lead to inconsistencies or potential security issues. This may need clarification or enhancement if stronger validation is expected for these fields.

Conclusion: I can’t classify them as bugs without having the specs.

# Bug Tickets – (Authenticate Users)

# Unspecified Behavior

The API for user authentication (POST /api/v1/auth) currently returns a generic error message ("Incorrect email or password") when required fields such as email or password are missing.  
There is no specific validation or error message for missing fields, which can lead to confusion. It might be more appropriate to return a 400 Bad Request status with a message like "Missing required fields".

Conclusion: These issues cannot be classified as bugs until discussed with the developer. Because the expected outcome—user authentication failing—occurs as intended. However, my concern lies in the reason provided for the failed authentication.