

**Bug Report: Authentication API (auth.py)**

- **Date:** 29 July 2025
- **Reporter:** HTH
- **Environment:** Postman, Python, Flask

This report details the defects found during the execution of the test cases for the authentication and authorisation module.

Bug ID	Test Case ID	Summary	Description	Priority	Status
BUG-001	AUTH-001-TC-006	Incorrect error handling for non-JSON login requests	When a POST request is sent to the <i>/auth/login</i> endpoint without the <i>Content-Type: application/json</i> header, the server returns a generic <i>500 Internal Server Error</i> instead of a client-side <i>400 Bad Request</i> error.	HIGH	Fixed
BUG-002	AUTH-002-TC-002	Incorrect status code when using an access token for refresh	When a POST request is sent to the <i>/auth/refresh</i> endpoint using an access token instead of a	MEDIUM	Fixed

			refresh token, the API returns a <i>422 Unprocessable Entity</i> status code.		
<b>BUG-003</b>	AUTH-002-TC-003	Incorrect status code for invalid refresh token	When a POST request is sent to the <i>/auth/refresh</i> endpoint with a malformed or invalid refresh token, the API returns a <i>422 Unprocessable Entity</i> status code.	MEDIUM	Fixed
<b>BUG-004</b>	AUTH-003-TC-003	Incorrect status code for invalid token on logout	When a DELETE request is sent to the <i>/auth/logout</i> endpoint with a malformed or invalid access token, the API returns a <i>422 Unprocessable Entity</i> status code.	MEDIUM	Fixed

