**E-Commerce API Test Documentation**

**1. Test Case Document**

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| --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Case Description | Test Steps | Expected Result | Actual Result | Status |
| TC001 | Verify login with valid credentials | 1. POST to /auth/login with blank credentials | Returns token and user info | As expected | Pass |
| TC002 | Get users list | 1. GET /users with token in header | Returns array of users | As expected | Pass |
| TC003 | Get specific user by ID | 1. GET /users/1 with token in header | Returns user details for ID=1 | As expected | Pass |
| TC004 | Get all products | 1. GET /products | Returns list of products | As expected | Pass |
| TC005 | Search products by keyword | 1. GET /products/search?q=phone | Returns matched products | As expected | Pass |
| TC006 | Get cart details by valid ID | 1. GET /carts/1 | Returns cart details | As expected | Pass |
| TC007 | Add products to cart | 1. POST /carts/add with valid userId and product array | Returns updated cart | As expected | Pass |

**2. Bug Report**

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| --- | --- | --- | --- | --- | --- |
| Bug ID | Title | Steps | Expected Result | Actual Result | Severity |
| BUG001 | Login accepts blank password | POST /auth/login with "" | 400 Bad Request | 200 OK | High |

**3. Test Execution Summary:**

* Total Test Cases: 7
* Passed: 6
* Failed: 1
* Blocked: 0