

ID	Title	Method	Endpoint	Request Body (JSON)	Expected Result	Actual results	Severity	Priority	Comments	Screenshot
BUG_API-001	Sign-Up with empty credentials cause 500 error	POST	/signup	{ "username": "", "password": "" }	Status 400, { "errorMessage": "Username and password required" }	500 Internal Server Error	High	Medium	Server crash on empty credentials (unhandled input). Response saved as Example (500 error). <i>Note: Detailed reproduction steps available in Jira ticket.</i>	Screenshots/API/BUG_API-001_TC_API-005_Sign_up_empty_credentials_error_500.PNG
BUG_API-002	Add to Cart – Invalid Product ID	POST	/addtocart	{ "id": "fa1c9918-875d-c378-3035-f5c2a772f861", "cookie": "VGvzdFVzZXI4MDE3NjEyMDE=", "prod_id": 999999, "flag": true }	Status 400 or error message { "errorMessage": "Invalid product ID" }	Status 200 OK, empty body; response time 7207 ms	High	Medium	Product ID not validated by backend; server accepted invalid product. Response time exceeded 2 s limit.	Screenshots/API/BUG_API-002_TC_API-018_Server_accepted_invalid_product_id.PNG