# BUG REPORT

# Bug Report - Security Test Case TC004

## Missing Lockout/Rate Limiting After Multiple Failed Login Attempts

Bug ID: BUG\_SEC\_TC004

Description: During security testing, it was observed that the system does not implement a lockout or rate-limiting mechanism after multiple failed login attempts. This vulnerability could allow brute-force attacks, compromising user account security.

Severity: High

Priority: High

### Steps to Reproduce:

1. Navigate to the login page (https://bstackdemo.com/signin).

2. Attempt to log in with incorrect credentials multiple times.

3. Observe if any lockout or rate-limiting mechanism is triggered.

### Expected Result:

The system should lock out the user or implement rate limiting after a certain number of failed login attempts to prevent unauthorized access.

### Actual Result:

No lockout or rate-limiting mechanism was triggered, allowing unlimited login attempts.

### Environment:

Chrome browser