| **Category** | **Label** | **Value** |
| --- | --- | --- |
| **Bug ID** | **ID Number** | Bug\_01 |
| **Name** | | Test GET /posts under 50 users | | --- |  |  | | --- | |
| **Reporter** | By all team |
| **Submit Date** | 21/09/2025 |
| **Bug Overview** | **Summary** | Response time 4676 ms avg (~4.6s) exceeds expected <2s. |
| **Screenshot** | <https://drive.google.com/file/d/1TjEA2lC0Tmvmg_jAOSCSE4noyi5D2Es8/view?usp=sharing> |
| **Environment** | **Platform** | Jmeter |
| **Operating System** | Windows 11 |
| **Browser** | chrome |
| **Bug Details** | **Steps to reproduce** | Run JMeter test with 50 users, ramp-up 10s  Send GET requests to /posts endpoint  Monitor response time and success rate |
| **Expected Results** | **Average response time < 2 seconds, no errors** |
| **Actual Results** | Average response time ~4.6 seconds, max response time exceeded 500,000 ms (~8 min), standard deviation very high |
| **Description** | High response time for GET /posts under 50 users |
| **Bug Tracking** | **Severity** | low |
| **Assigned To** | Dev. |
| **Priority** | Low |
| **Notes** | **Notes** | - |

| **Category** | **Label** | **Value** |
| --- | --- | --- |
| **Bug ID** | **ID Number** | Bug\_02 |
| **Name** | | GET /posts slows down significantly under 1,000 concurrent users (Stress Test) | | --- |  |  | | --- | |
| **Request Name** |  |
| **Reporter** | By all team |
| **Submit Date** | 21/09/2025 |
| **Bug Overview** | **Summary** | | GET /posts slows down significantly under 1,000 concurrent users (Stress Test) | | --- |  |  | | --- | |
| **Screenshot** | <https://drive.google.com/file/d/15uN0LL71wlgsrwF8A2HZ6qTscsK7S-0k/view?usp=sharing> |
| **Environment** | **Platform** | Jmeter |
| **Operating System** | Windows 11 |
| **Browser** | chrome |
| **Bug Details** | **Steps to reproduce** | Run stress test with 1,000 users in increments of 100  Send GET requests to /posts endpoint  Observe response times and error rates |
| **Expected Results** | Response < 2s, no errors |
| **Actual Results** | Response exceed expected |
| **Description** | API does not scale to 1,000 users. Performance bottleneck identified in GET requests |
| **Bug Tracking** | **Severity** | low |
| **Assigned To** | Dev. |
| **Priority** | Meduim |
| **Notes** | **Notes** | - |

| **Category** | **Label** | **Value** |
| --- | --- | --- |
| **Bug ID** | **ID Number** | Bug\_03 |
| **Name** | | GET /posts performance degradation at 500 concurrent users (Peak Load Test) | | --- |  |  | | --- | |
| **Request Name** |  |
| **Reporter** | By all team |
| **Submit Date** | 21/09/2025 |
| **Bug Overview** | **Summary** | API should handle 500 users with average response time < 2 seconds   |  | | --- | |
| **Screenshot** | <https://drive.google.com/file/d/1UwW7Ny58CwJu6rag3AFOqG-4l4tnqFUU/view?usp=sharing> |
| **Environment** | **Platform** | Jmeter |
| **Operating System** | Windows 11 |
| **Browser** | chrome |
| **Bug Details** | **Steps to reproduce** | Run JMeter with 500 concurrent users  Send GET requests to /posts endpoint  Observe performance metrics |
| **Expected Results** | API should handle 500 users with average response time < 2 seconds |
| **Actual Results** | Average response time ~9.1 seconds, max response time >200,000 ms |
| **Description** | API does not scale to 1,000 users. Performance bottleneck identified in GET requests |
| **Bug Tracking** | **Severity** | low |
| **Assigned To** | Dev. |
| **Priority** | Meduim |
| **Notes** | **Notes** | - |