# Monithor Project - Observability Exercise

**Observation:**

**Backend Performance Testing with Locust:**

Simulated User Behavior:

Locust Test Results:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Concurrent Users | Avg. Response  Time | 90th percentile | 95th percentile | Failure rate |
| 10 | 15019 ms | 23000 ms | 26000 ms | 0 |
| 50 | 38818 ms | 57000 ms | 72000 ms | 0 |
| 100 | 48717 ms | 83000 ms | 100000 ms | 1.5 |
| 200 | 29286 ms | 88000 ms | 106000 ms | 4.9 |
| 300 | 31405 ms | 118000 ms | 141000 ms | 11.8 |

**Performance Insights:**