Load and Performance

Test Report

|  |  |
| --- | --- |
| Key | Value |
| Application | SampleApplication v 1.8 |
| Timeframe | 01.01.1970 12:00 – 13:00 |
| Test Target | Measure response times and stability |
| Tester | Reto Scheiwiller |
| Test Plan | <https://www.your-company.com/share/SampleApp_TestPlan.docx> |
| Tickets | <https://your-jira.your-company.com/browse/LUP-8008>  <https://your-jira.your-company.com/browse/LUP-9009> |

**Document History**

|  |  |  |  |
| --- | --- | --- | --- |
| Author | Date | Version | Comment |
| R.Scheiwiller | 01.01.1970 | v42.5 | Initial Version |
|  |  |  |  |

**Document Review**

|  |  |  |
| --- | --- | --- |
| Reviewer | Date Reviewed | Comment |
| Jane Doe | 01.01.1970 | Initial Version |
|  |  |  |

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# Summary

## End User Results

* **Response Times:** <add summary>
* **Errors:** <add summary>

## Application Layer

* <No issues found on application layer.>
* <Bootlenecks>
* <High Memory Consumption>
* <Exceptions>
* <Stability Issues>
* <etc…>

## Infrastructure

* **CPU Utilization:** <add summary>
* **Memory Utilization:** <add summary>
* **Network Utilization:** <add summary>
* **Disk Utilization:** <add summary>

## Recommendations

* <Add suggestions on how to improve the application perform>

# Differences

<Explain differences to what was planned in the test plan or to previous test executions, or remove this section >

# Client Side Analysis

<Remove section if not applicable, else list the findings found in the client part of the application like a Fat-Client or the Browser.>

# Throughput

The expected throughput of ##### requests/h was reached with ##### request/h.

<Add throughput graph>

# End User Response Times

The end user response times were fine for most of the simulated actions.  
The following actions had a high average response time:

* ACME\_01\_BrowseProducts\_040\_OpenProductList – 7.3 sec
* ACME\_01\_BrowseProducts\_090\_ViewCart – 4.3 sec

The following table contains the response times measured during the test:

<Add table with response time statistics>

# <Issue 42>

<Add custom sections explaining various issues you have found within the application>

# Exceptions

The following exceptions occurred more than ## times during the test.  
  
<add list of exceptions>

# Database

The following SQL statements were executed during the test.  
  
<add list of SQL statements>

# CPU Utilization

The CPU utilization was fine with ## % in average.

<Add screenshot of graph>

# Memory Utilization

The memory utilization was fine with ## MB in average.

<Add screenshot of graph>

# Network Utilization

The network utilization was fine.

<Add screenshot of graph>

# Disk Utilization

The disk utilization was fine.

<Add screenshot of graph>