

PROJECT DEVELOPMENT PHASE

PERFORMANCE TESTING

Date	15 November 2022
Team ID	PNT2022TMID54057
Project Name	Nutrition Assistant Application
Maximum Marks	4 Marks

PERFORMANCE TESTING – GATLING:

1. NFT – Risk Assessment
2. NFT - Detailed Test Plan
3. End Of Test Report

NFT – RISK ASSESSMENT

PROJECT NAME	Nutrition Assistant Application
SCOPE / FEATURE	New
FUNCTIONAL CHANGES	Moderate
HARDWARE CHANGES	No Changes
SOFTWARE CHANGES	Moderate
IMPACT OF DOWNTIME	A huge impact on consumers' buying decisions
LOAD / VOLUME CHANGES	>5 to 10%
RISK SCORE	GREEN
JUSTIFICATION	As we have seen the changes

NFT – DETAILED TEST PLAN

PROJECT NAME	Nutrition Assistant Application
PROJECT OVERVIEW	Nutrition Assistant Application
NFT TEST APPROACH	Load Testing
ASSUMPTIONS / DEPENDENCIES / RISKS	Gatling
APPROVALS / SIGNOFF	Highly Responsive

END OF TEST REPORT

PROJECT NAME	Nutrition Assistant Application
PROJECT OVERVIEW	Nutrition Assistant Application
NFT TEST APPROACH	Load Testing
NFR - MET	Successful
TEST OUTCOME	Guaranteed System's Capacity for Loading
GO / NO-GO DECISION	GO Decision
RECOMMENDATIONS	Improve Usability
IDENTIFIED DEFECTS (DETECTED / CLOSED / OPEN)	Closed
APPROVALS / SIGNOFF	Highly Responsive

1. Performance Testing.html

```
C:\Users\HP\Pictures\Performance Testing.html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
Performance Testing.html
1
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5 <meta charset="UTF-8">
6 <link rel="shortcut icon" type="image/x-icon" href="style/favicon.ico"/>
7 <link href="style/style.css" rel="stylesheet" type="text/css" />
8 <link href="style/bootstrap.min.css" rel="stylesheet" type="text/css" />
9 <script src="js/jquery-3.5.1.min.js"></script>
10 <script src="js/bootstrap.min.js"></script>
11 <script src="js/gatling.js"></script>
12 <script src="js/menu.js"></script>
13 <script src="js/ellipsis.js"></script>
14 <script src="js/all_sessions.js"></script>
15 <script src="js/stats.js"></script>
16 <script src="js/highstock.js"></script>
17 <script src="js/highcharts-more.js"></script>
18 <script src="js/theme.js"></script>
19 <script src="js/unpack.js"></script>
20 <title>Gatling Stats - Performance Testing</title>
21 </head>
22 <body>
23 <div class="app-container">
24 <div class="frise"></div>
25 <div class="head">
26 <div class="gatling-open-source">
27 <a class="gatling-logo" href="https://gatling.io" target="blank" title="Gatling Home Page"></a>
28 <a class="gatling-documentation" href="https://gatling.io/docs/" target="_blank">Documentation</a>
29 </div>
30 <a class="enterprise" href="https://gatling.io/enterprise/next-step/" target="_blank">Try </a>
31 <div class="container_details">
32 <div class="nav">
33 <ul></ul>
34 </div>
Hyper Text Markup Language file length: 31,414 lines: 1,050 Ln: 46 Col: 19 Pos: 1,882 Windows (CR LF) UTF-8 INS
```

2. Ranges from Performance Testing of Gating

<div>Expand all groups</div> <div>Collapse all groups</div>													
Requests ^	🔄 Executions					🕒 Response Time (ms)							
	Total ↕	OK ↕	KO ↕	% KO ↕	Cnt/s ↕	Min ↕	50th pct ↕	75th pct ↕	95th pct ↕	99th pct ↕	Max ↕	Mean ↕	Std Dev ↕
All Requests	13	13	0	0%	0.619	44	106	218	457	534	553	175	146
request_0	1	1	0	0%	0.048	140	140	140	140	140	140	140	0
request_1	1	1	0	0%	0.048	393	393	393	393	393	393	393	0
request_2	1	1	0	0%	0.048	243	243	243	243	243	243	243	0
request_3	1	1	0	0%	0.048	213	213	213	213	213	213	213	0
request_4	1	1	0	0%	0.048	218	218	218	218	218	218	218	0
request_5	1	1	0	0%	0.048	553	553	553	553	553	553	553	0
css?family=Roboto:100,10...	1	1	0	0%	0.048	45	45	45	45	45	45	45	0
css?family=Playfair+Displa...	1	1	0	0%	0.048	104	104	104	104	104	104	104	0
request_6	1	1	0	0%	0.048	99	99	99	99	99	99	99	0
request_7	1	1	0	0%	0.048	106	106	106	106	106	106	106	0
request_8	1	1	0	0%	0.048	65	65	65	65	65	65	65	0
css?family=Aclonica:400	1	1	0	0%	0.048	44	44	44	44	44	44	44	0
request_10	1	1	0	0%	0.048	51	51	51	51	51	51	51	0