

## PROJECT DEVELOPMENT PHASE

### PERFORMANCE TESTING

Date	15 November 2022
Team ID	PNT2022TMID15470
Project Name	Smart Fashion Recommender 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	Smart Fashion Recommender 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

<b>PROJECT NAME</b>	Smart Fashion Recommender Application
<b>PROJECT OVERVIEW</b>	Smart Fashion Recommender Application using chatbot
<b>NFT TEST APPROACH</b>	Load Testing
<b>ASSUMPTIONS / DEPENDENCIES / RISKS</b>	Gatling
<b>APPROVALS / SIGNOFF</b>	Highly Responsive

## END OF TEST REPORT

<b>PROJECT NAME</b>	Smart Fashion Recommender Application
<b>PROJECT OVERVIEW</b>	Smart Fashion Recommender Application using chat bot
<b>NFT TEST APPROACH</b>	Load Testing
<b>NFR - MET</b>	Successful
<b>TEST OUTCOME</b>	Guaranteed System's Capacity for Loading
<b>GO / NO-GO DECISION</b>	GO Decision
<b>RECOMMENDATIONS</b>	Improve Usability
<b>IDENTIFIED DEFECTS (DETECTED / CLOSED / OPEN)</b>	Closed
<b>APPROVALS / SIGNOFF</b>	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><div>Expand all groups</div><div>Collapse all groups</div></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