PROJECT DEVELOPMENT PHASE

PERFORMANCE TESTING

Date	15 November 2022
Team ID	PNT2022TMID15486
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

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

END OF TEST REPORT

PROJECT NAME	Smart Fashion Recommender Application
PROJECT OVERVIEW	Smart Fashion Recommender Application using chat bot
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

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<link rel="shortcut icon" type="image/x-icon" href="style/favicon.ico"/>
<link href="style/style.css" rel="stylesheet" type="text/css" />
<link href="style/bootstrap.min.css" rel="stylesheet" type="text/css" />
<script src="js/jquery-3.5.1.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/gatling.js"></script>
<script src="js/menu.js"></script>
<script src="js/ellipsis.js"></script>
<script src="js/all_sessions.js"></script>
<script src="js/stats.js"></script>
<script src="js/highstock.js"></script>
<script src="js/highcharts-more.js"></script>
<script src="js/theme.js"></script>
<script src="js/unpack.js"></script>
<title>Gatling Stats - Performance Testing</title>
</head>
<body>
<div class="app-container">
<div class="frise"></div>
<div class="head">
  <div class="gatling-open-source">
    <a class="gatling-logo" href="https://gatling.io" target="blank_" title="Gatling Home Page"><img alt="Gatling" src="style/logo.svg"/></a>
    <a class="gatling-documentation" href="https://gatling.io/docs/" target="_blank">Documentation</a>
  </div>
  <a class="enterprise" href="https://gatling.io/enterprise/next-step/" target="_blank">Try <img alt="Gatling Enterprise" src="style/logo-enterprise.svg"/></a>
<div class="container details">
  <div class="nav">
    <ul></ul>
  </div>
```

2. Ranges from Performance Testing of Gating

	Executions					Response Time (ms)							
Requests ▲	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

Expand all groups   Collapse all groups