

PROJECT DEVELOPMENT PHASE

PERFORMANCE TESTING

Team ID	PNT2022TMID04548
Project Name	Inventory Management System for Retailers

PERFORMANCE TESTING – GATLING:

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

NFT – RISK ASSESSMENT

PROJECT NAME	Inventory management System for retailers
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	we have reviewed the changes

NFT – DETAILED TEST PLAN

PROJECT NAME	Inventory Management System for Retailers
PROJECT OVERVIEW	Inventory management Application using IBM cloud
NFT TEST APPROACH	Load Testing
ASSUMPTIONS / DEPENDENCIES / RISKS	Gatling
APPROVALS / SIGNOFF	Highly Responsive

END OF TEST REPORT

PROJECT NAME	Inventory Management System for Retailers
PROJECT OVERVIEW	Inventory management Application using IBM cloud
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

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