

			NFT - Risk Assessment						
S.No	Project Name	Scope/feature	Functional Changes	Hardware Changes	Software Changes	Impact of Downtime	Load/Volume Changes	Risk Score	Justification
1	Personal Expense Tracker v2	New	High	No Changes	Moderate	Considerable time taken to insert into DB	No Changes	ORANGE	Adding this feature makes is coherent with features like adding group and hence, functional changes is high
2	Personal Expense Tracker v2	Existing	Moderate	No Changes	Moderate	Faster DB operations	No Changes	ORANGE	

NFT - Detailed Test Plan			
S.No	Project Overview	NFT Test approach	Assumptions/Dependencies/Risks
1	Personal Expense Tracker v1	Load testing	Locust installed, app deployed with docker
2	Personal Expense Tracker v2	Stress testing	Locust installed, app deployed with docker
3	Personal Expense Tracker v2	Spike testing	Locust installed, app deployed with docker
4	Personal Expense Tracker v2	Reliability testing	Locust installed, app deployed with docker

End Of Test Report						
S.No	Project Overview	NFT Test approach	NFR - Met	Test Outcome	GO/NO-GO decision	Recommendations
1	Personal Expense Tracker v2	Load testing	Failures	Number of failures spikes from 0.3 to 0.9 with increase in number of users from 70 to 100	GO	Provide checks from input value before inserting into database
2	Personal Expense Tracker v2	Stress testing	Response time	Increases from 3100ms for one user to 19000ms for 20 users	GO	
3	Personal Expense Tracker v2	Spike testing	Response time	Varies from minimum if 1367ms and maximum of 25609ms for a specific feature of adding expenses	GO	
4	Personal Expense Tracker v2	Reliability testing	Number of failures	41% failures with adding expense with spike in user data and incorrect input values, but maintained average of 13000ms response time	GO	Provide checks from input value before inserting into database

Identified Defects (Detected/Closed/Open)

Bad request error on adding expense without primary, required rows

Internal server error on adding expense without primary, required rows