

S.No	Project Name	Scope/feature
1	Plasma Donor v1	New
2	Plasma Donor v2	Existing

S.No	Project Overview	NFT Test approach
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|---|-----------------|---------------------|
| 1 | Plasma Donor v1 | Load testing |
| 2 | Plasma Donor v2 | Stress testing |
| 3 | Plasma Donor v3 | Spike testing |
| 4 | Plasma Donor v4 | Reliability Testing |

Functional Changes	Hardware Changes
High	No Changes
Moderate	No changes

S.No	Project Overview
1	Plasma Donor v1

2 Plasma Donor v2

3 Plasma Donor v3

4 Plasma Donor v4

NFR - Met	Test Outcome

Failures	Number of failures spikes from 0.3 to 0.9 with increase in number of users from 70 to 100
Response time	Increases from 3100 for one user to 1900ms for 20 users
Response time	Varies from minimum if 1367 ms and maximum of 25609ms for a specific feature of adding expenses
No of failures	41% failures with adding expense with spike in user data and incorrect input values, but maintained aveage of 13000ms response timne

NFT - Risk Assessment

Software Changes	Impact of Downtime
Moderate	Considerable time taken to insert into
Moderate	Faster DB operations

NFT - Detailed Test Plan

NFT Test approach	Assumptions/Dependencies/Risk
Load testing	Locust installed,app deployed with docker

Stress testing

Locust installed,app deployed with docker

Spike testing

Locust installed,app deployed with docker

Reliability Testing

Locust installed, app deployed with docker

End Of Test Report

GO/NO-GO decision

Recommendations

GO

Provide checks from input value before inserting into database

Go

Go

Go

Provide checks from input value before inserting into database

Load/Volumen Changes
No Changes
NO changes

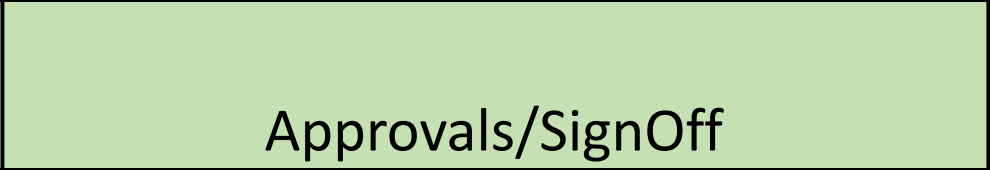
Approvals/SignOff

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

Risk Score
ORANGE
ORANGE



Approvals/SignOff

Justification

Adding this feature makes is coherent with features like adding group and hence, functional changes is high

Updated SQL statements for faster DB operations

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