

			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	QR Code Generation	New	High	No Changes	Moderate	Severe	>5 to 10%	ORANGE	QR code generation is the project's main functionality
2	QR Code Checking	New	High	No Changes	High	Severe	>5 to 10%	ORANGE	QR code checking is vital for a variety of reasons
3	MIT App Inventor	New	Moderate	No Changes	Moderate	Moderate	>5 to 10%	RED	App inventor gives a map based representative for tracking. Bugs may occur due to the rudimentary nature of the app inventor
4	GPS Tracking	New	High	No Changes	High	Moderate	>5 to 10%	GREEN	Same as above
5	Web Based UI	New	High	No Changes	High	Severe	>5 to 10%	GREEN	User interacts with the database via the UI. Vital to make sure everything is error free
			NFT - Detailed Test Plan						
			S.No	Project Overview	NFT Test approach	Assumptions/Dependencies/Risks	Approvals/SignOff		
			1	QR Code Generation	Use Gatling for testing performance under load and high volume	It is assumed that people have a decent internet connection for receiving the QR Code	Approved		
			2	QR Code Checking	Use Gatling for testing performance under load and high volume	It is assumed that a clean camera with reasonable resolution is used	Approved		
			3	MIT App Inventor	Use Gatling for testing performance under load and high volume	None	Approved		
			4	GPS Tracking	Use Gatling for testing performance under load and high volume	It is assumed that people have an understanding of basic mapping and map UI	Approved		
			5	Web Based UI	Use Gatling for testing performance under load and high volume	It is assumed that people have decent internet connection	Approved		
			End Of Test Report						
S.No	Project Overview	NFT Test approach	NFR - Met	Test Outcome	GO/NO-GO decision	Recommendations	Identified Defects (Detected/Closed/Open)	Approvals/SignOff	
1	Smart Solutions fo Railways	Use Gatling for testing performance under load and high volume	Met	Substantial chance for success	GO	Integrating everything together and adding a larger database	No major defects detected	Approved	