

NFT - Risk Assessment

S.NO	Project Name	Scope/feature	Functional Changes	Hardware Changes	Software Changes	Load/Volume Changes	Risk Score	Justification
1.	Motor ON/OFF	Existing	Moderate	No Changes	Moderate	>10 to 30%	ORANGE	Changes occurs less
2.	Sensor values	Existing	Moderate	No Changes	Moderate	>10 to 30%	ORANGE	Some changes occurs

NFT - Detailed Test Plan

S.No	Project Overview	NFT Test approach	Approvals/SignOff	Assumptions/Dependencies/Risks
1.	Python script	Python coding	https://www.python.org/psf/sponsors/#heroku	Depend on the delivered code
2.	Node-red	Sensor & command values	https://nodered.org/	Sensor values
3.	MIT App Inventor	Motor control/Sensors notification	https://appinventor.mit.edu/about/termsofservice	Notifications

End Of Test Report

S.N O	Project Overview	NFT Test approach	NFR - Met	Test Outcome	GO/N O-GO decision	Identified Defects (Detected/Closed /Open)	Recommendations	Approvals/SignOff
1.	Python Code	Python coding	Met	Pass	GO	Closed	Efficient code	https://www.python.org/psf/sponsors/#heroku
2.	Node Red	Sensors&command values	Met	Pass	GO	Closed	Sensing the values perfectly	https://nodered.org/
3.	MIT App Inventor	Motor control/Sensors notification	Met	Pass	GO	Closed	Notifies the users at correct time	https://appinventor.mit.edu/about/termsofservice