

## Final Deliverables

### Performance Testing

Date	14 November 2022
Team ID	PNT2022TMID41539
Project Name	Project-Signs with Smart Connectivity for Better Road Safety
Maximum marks	8 Marks

### NFT - Risk Assessment

S.No	Project Name	Scope/feature	Functional Changes	Hardware Changes	Software Changes	Load/Volume Changes	Risk Score	Justification
1	Led ON/OFF	Existing	Low	No Changes	Moderate	>10 to 30%	ORANGE	There are some changes that occur
2	Fast2SMS	New	No changes	No Changes	Low	>5 to 10%	GREEN	Hardly any changes occur
3	Sensor values	Existing	Moderate	No Changes	Moderate	>10 to 30%	ORANGE	There are some changes that occur

## NFT - Detailed Test Plan

S.No	Project Overview	NFT Test approach	Approvals/SignOff	Assumptions/Dependencies/Risks
1	Python script	Python coding	<a href="https://www.python.org/psf/sponsors/#heroku">https://www.python.org/psf/sponsors/#heroku</a>	Depends on the delivered code
2	Node Red	Sensor & command values	<a href="https://node-red-xqkno-2022-10-03.mybluemix.net/red/#flow/895a58d22de00831">https://node-red-xqkno-2022-10-03.mybluemix.net/red/#flow/895a58d22de00831</a>	Sensor values
3	MIT App Inventor	Led control\Sensor control notifications	<a href="http://ai2.appinventor.mit.edu/#4941610081976320">http://ai2.appinventor.mit.edu/#4941610081976320</a>	Notifications on Phone

## End Of Test Report

S.No	Project Overview	NFT Test approach	NFR - Met	Test Outcome	GO/NO-GO decision	Identified Defects (Detected/Closed/Open)	Recommendations	Approvals/ SignOff
1	Python Code	Python coding	Met	Pass	GO	Closed	Efficient and easy code	<a href="https://www.python.org/psf/sponsors/#heroku">https://www.python.org/psf/sponsors/#heroku</a>
2	Node Red	Sensors & command values	Met	Pass	GO	Closed	It senses the values perfectly	<a href="https://node-red-xqkno-2022-10-03.mybluemix.net/red/#flow/895a58d22de00831">https://node-red-xqkno-2022-10-03.mybluemix.net/red/#flow/895a58d22de00831</a>
3	MIT App Inventor	Led control/Sensors notification	Met	Pass	GO	Closed	Notifies the users at the right time	<a href="http://ai2.appinventor.mit.edu/#4941610081976320">http://ai2.appinventor.mit.edu/#4941610081976320</a>