Performance Testing

Date	03 November 2022
Team ID	PNT2022TMID28579
Project Name	SmartFarmer – IoT Enabled Smart Farming Application

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	Smart	Query	Low	No Changes	Low		>5 to 10%	Green	As we seen
	Farmer	Form							changes
2	Smart	Manual	Low	No changes	Low		>5 to 10%	Green	As we seen
	Farmer	Guide							changes
3	Smart	Motor on	High	No changes	Moderate		>5 to 10%	Green	Because it
	Farmer	for 30							provides new
		minutes							control
4	Smart	Login	Moderate	No Changes	Low		>5 to 10%	Red	Because it can
	Farmer								block certain
									functional
4	Smart	Sign Out	Moderate	No changes	Low		>5 to 10%	Green	It doesn't have
	Farmer	_		_					that much
									functionality but
									have some impact.

NFT – DETAILED PLAN

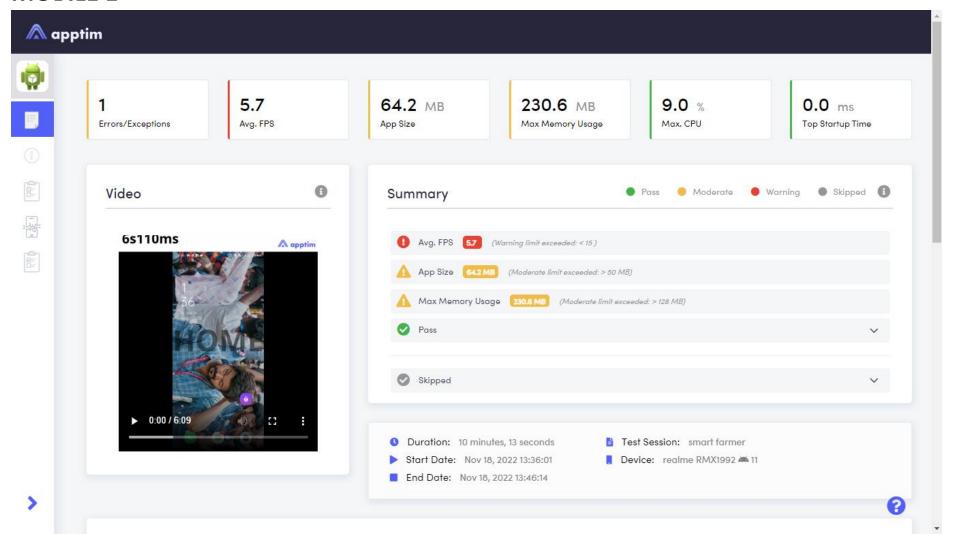
S.no	Project Overview	NFT Approach	Assumptions/Dependencies/Risks	Approvals/SignOff
1	SmartFarmer	Scalability Testing		Shanmugam(Team Lead)

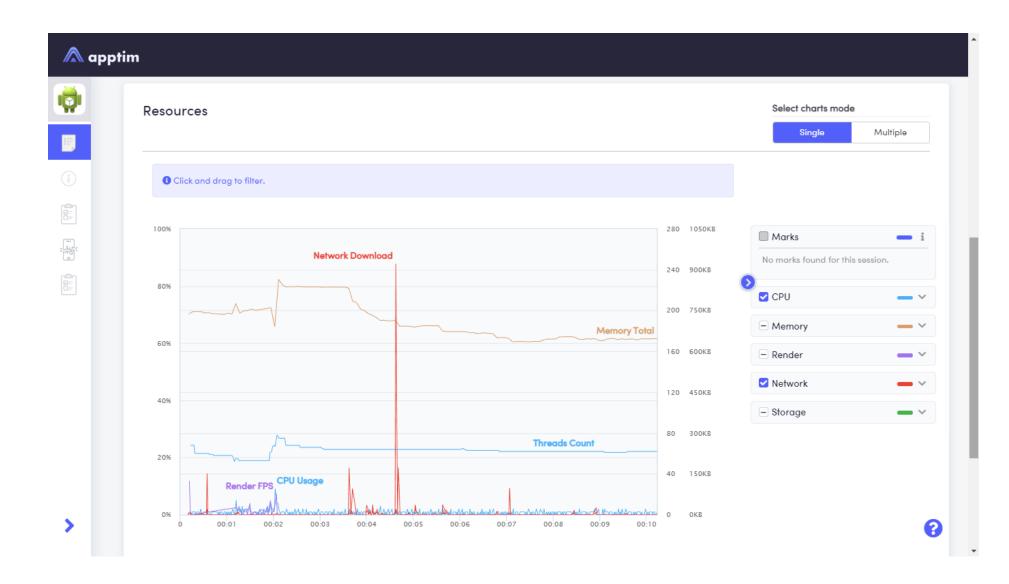
END OF TEST REPORT

S.	Project	NFT	NFR - Met	Test Outcome	Go/No-Go	Recomm	Identified Defects	Approvals/
No	Overview	Test			Decision	endation	(Detected/Closed/	Signoff
		Approach				S	Open)	
1	Smartfarm	Scalabilit	Exceptations	Cpu	Go Decision	Nothing	Closed	Shanmugam
	er	y Testing	Satisfied	Usage,				(Team Lead)
				Memory				
				Usage,				
				Startup Time				
				Etc				

Test Reports Attached Below :- Performance test are tested by using Apptim Software (Default Settings)

MOBILE 1



















Test Environment



realme RMX1992

Android version:	11
Manufacturer:	realme
Model:	RMX1992
CPU Architecture:	arm64-v8a
Number of cores:	8
RAM:	5.86GB

App Information

Default Label:	SmartFarmer
Version Code:	1
Version Name:	1.0.1
Package:	com.shandude.smartfarmer
Launch Activity:	host.exp.exponent.MainActivity
Use large heap:	false
Debuggable:	false

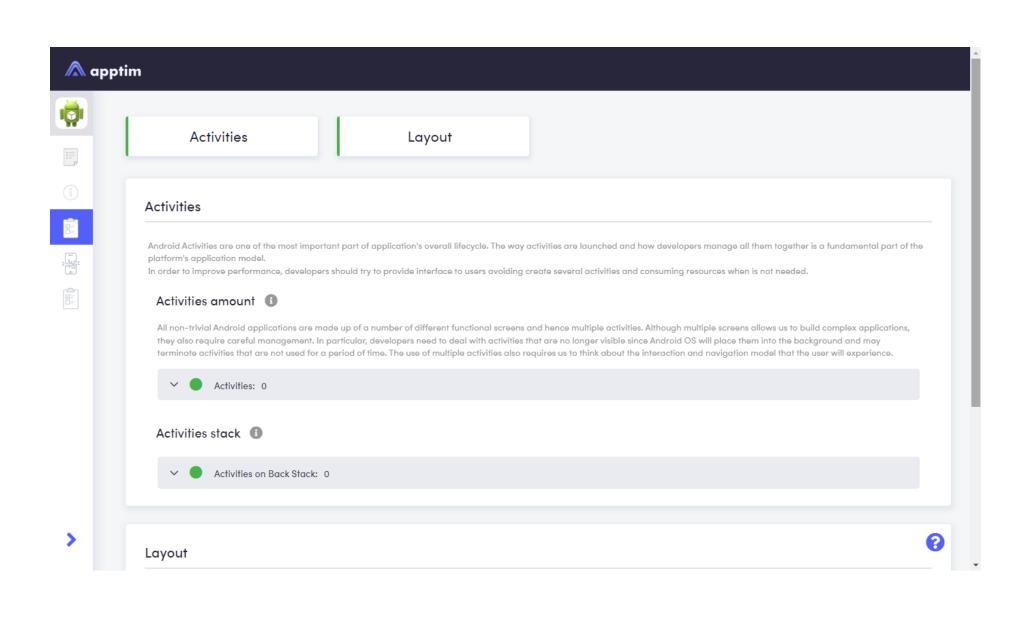
Screen Information

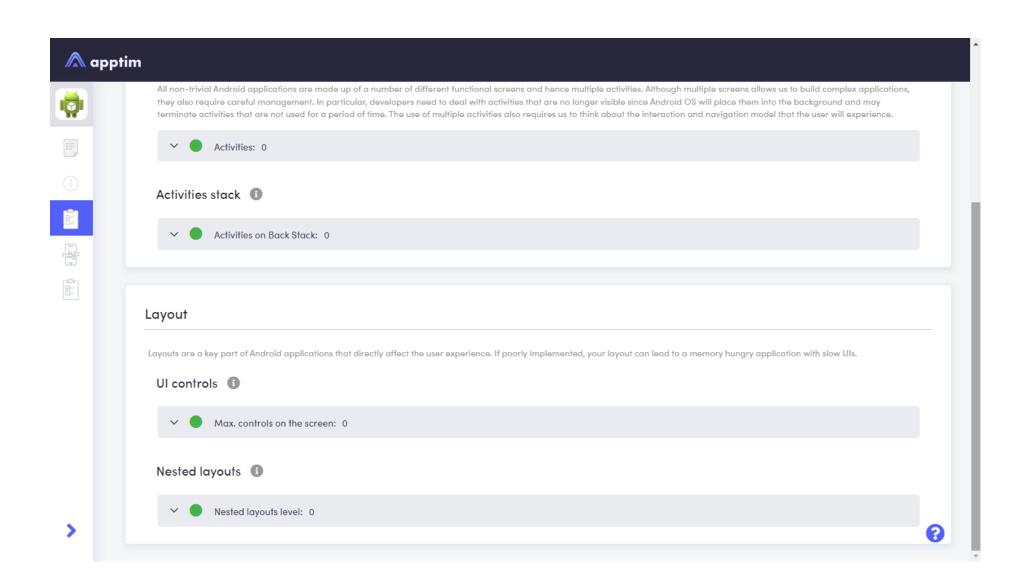
Screen orientation:	port
Screen resolution:	1080x2340
Layout size:	Normal
Display density:	480dpi (xxhdpi)
LOpenGL ES:	3.2

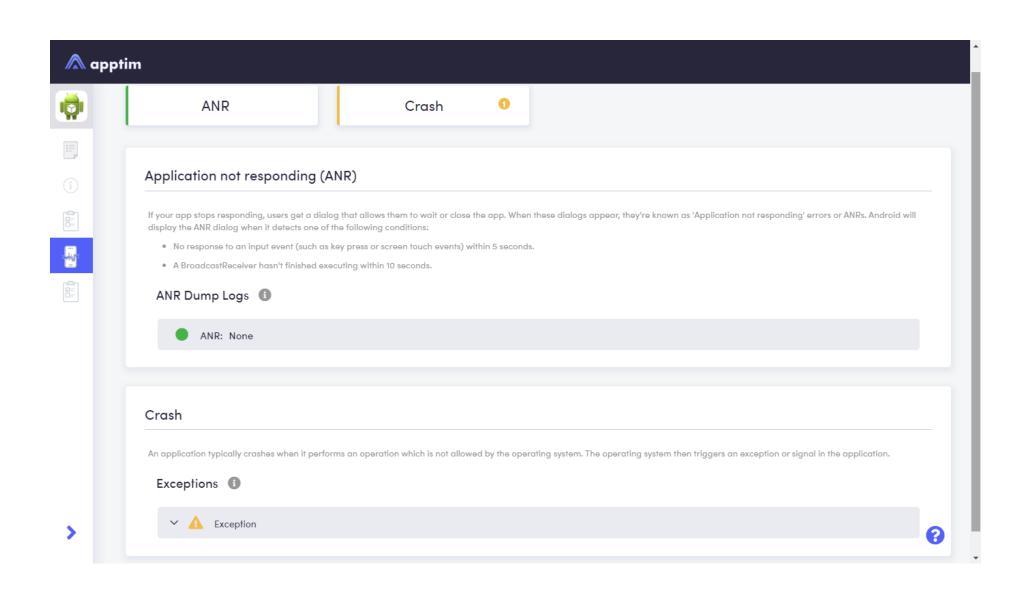
App Compatibility

Min API Level:	21
Target API Level:	31
Max API Level:	Undefined
Native CPU architectures:	No
Screens:	small normal large xlarge
Support Any Density:	true
Densities:	120 160 240 320 480 640 65534

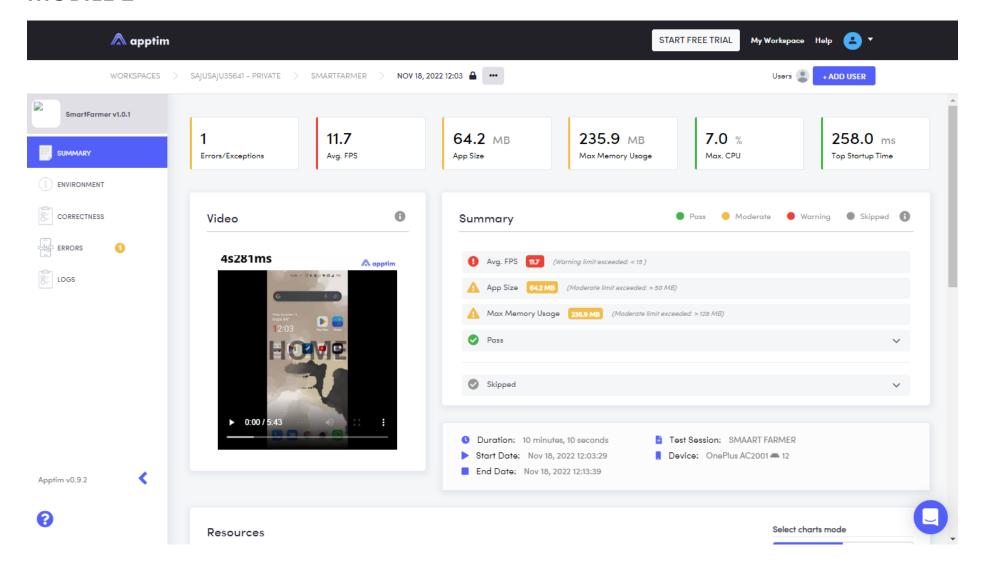


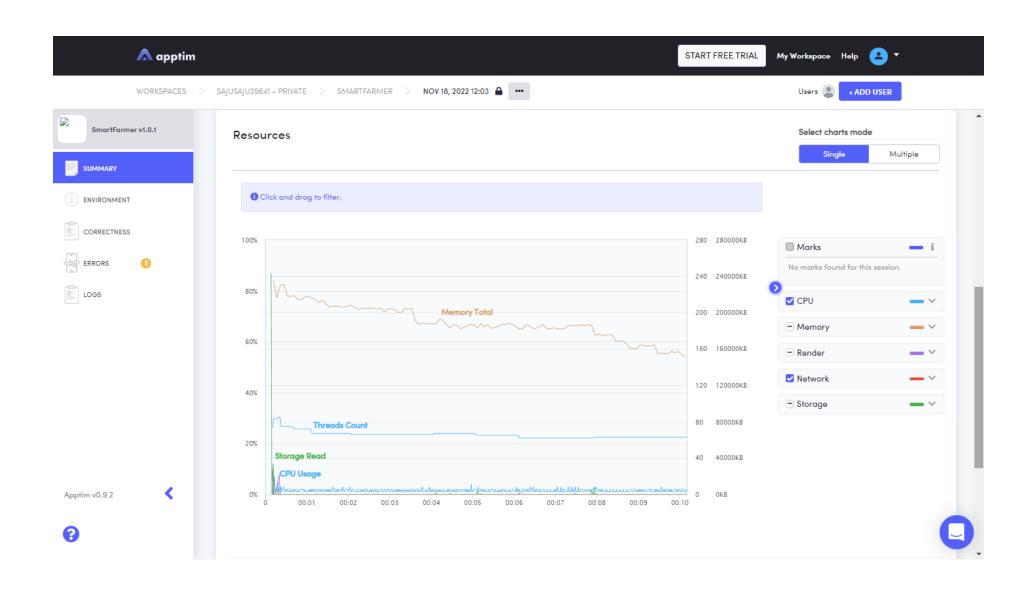


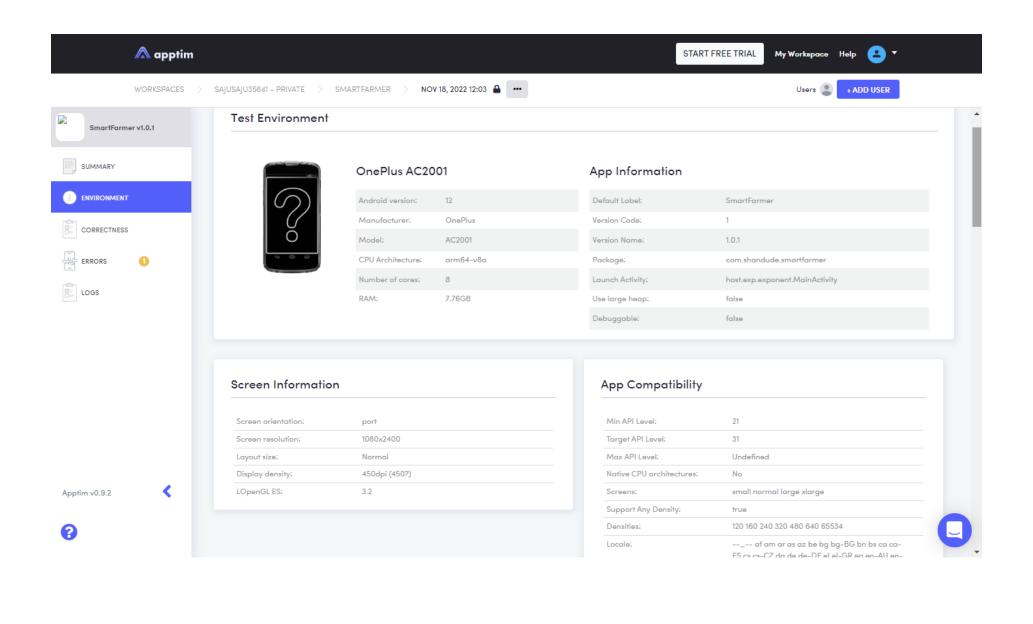


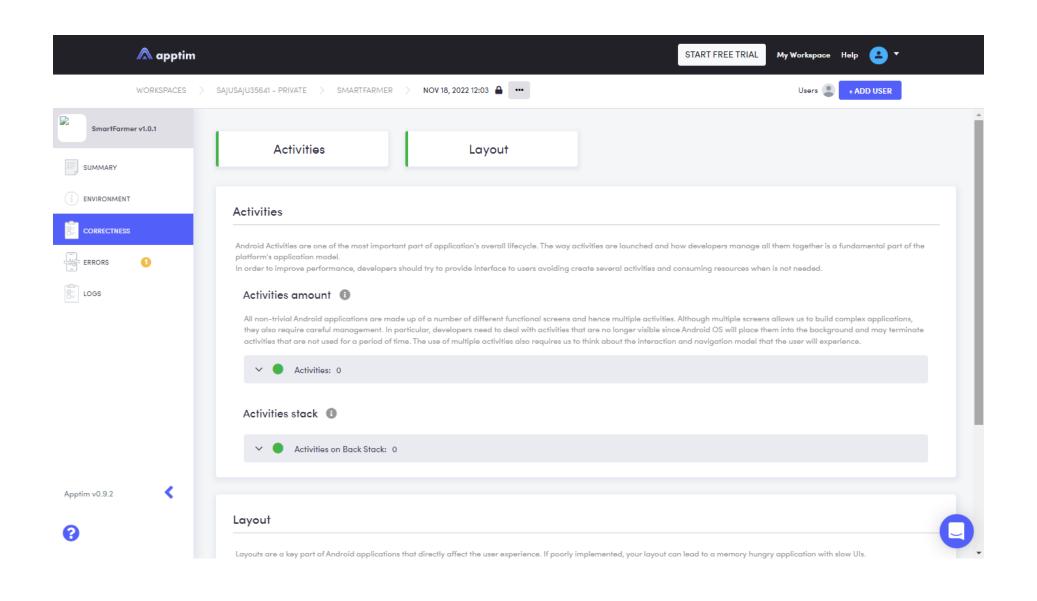


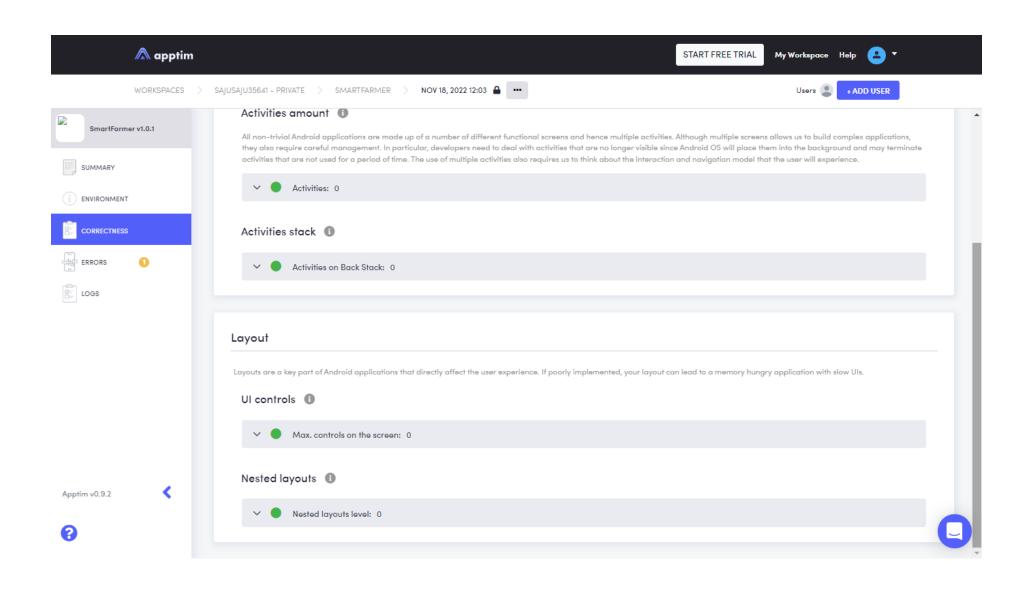
MOBILE 2

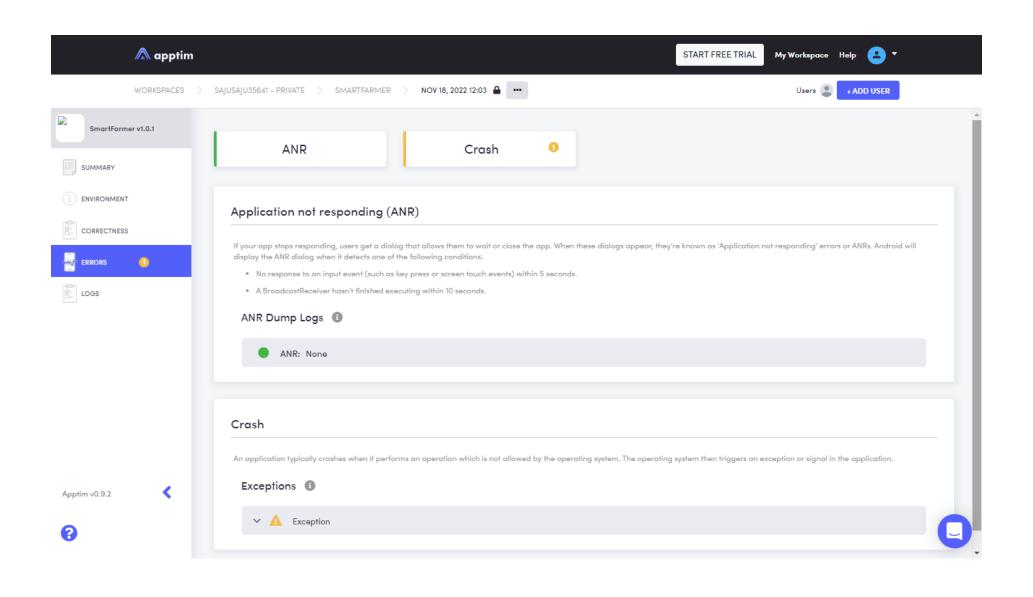












MOBILE 3

