

Software Quality Assurance (Alpha Testing) - Live@ : 01/05/22



In this task, the evaluator selects quality measures (evaluation modules) to cover all live@ software quality evaluation requirements. Measurement procedures should measure the software quality characteristic (or sub-characteristic) they claim to be measuring with sufficient accuracy to allow criteria to be set and comparisons to be made. Standards in the ISO/IEC 2502n division will be very helpful in this task.

Total result
80.56% Excellent

Topics	Achieved score	Potential score	Result
Header	-	-	-
User Acceptance Testing - Alpha Testing	116	144	80.56%
Total	116	144	80.56%

Prepared by: M NKAMBULE	MAFIKA NKAMBULE
Conducted at: 22 ON SLOANE	
Developer: Jerry - Trevor	







General System Requirements		91.67%
GR-001. Has the System been developed?	<input checked="" type="checkbox"/> Yes	2 points
GR-002. Are the release notes ready for build of Alpha version?	<input checked="" type="checkbox"/> Yes	2 points
Note: Release notes are going to be extremely critical for the BETA testers. Kindly ensure that they are updates		
GR-003. Is the system easy to install?	<input checked="" type="checkbox"/> Yes	2 points
GR-004. Have all requirements been frozen?	<input type="checkbox"/> No	0 points
GR-005. Have all test engineers been trained on the system?	<input checked="" type="checkbox"/> Yes	2 points
GR-006. Is the system available on all mobile platforms	<input checked="" type="checkbox"/> All Platforms	8 points
Note: The use of progressive web apps will ensure system availability across all platforms		
GR-007. Have all prerequisite testing been done (unit, integration and system testing)?	<input checked="" type="checkbox"/> Yes	2 points
GR-008. Has the portal for content providers been developed?	<input checked="" type="checkbox"/> Yes	2 points
Note: To be presented		
GR-009. Does the system have a video player with all standard features?	<input checked="" type="checkbox"/> Yes	2 points
GR-010. Is the system fully integrated with a VR platform	<input checked="" type="checkbox"/> Yes	2 points
Note: To be presented		
GR-011. Is the system integrated to blockchain?	<input type="checkbox"/> No	0 points
GR-012. Is 3D content available for testing purposes?	<input checked="" type="checkbox"/> Yes	2 points
GR-013. Is the system accessible for testing purposes?	<input checked="" type="checkbox"/> Yes	2 points

GR-014. Have test cases been documented?	■ Fully	4 points
GR-015. Have test data been generated?	■ Fully	4 points
GR-016. Have test procedures been documented?	■ Fully	4 points
GR-017. Have the reporting functionality been implemented?	■ Fully	4 points

Live@ Software Features 75%



















Functional Requirements 62.5%

FR-001. Does the system allow for profiling of four types of users: System admin/Content providers/Public customers/Regulatory Bodies?	■ Fully	2 points
FR-002. Does the system allow guest users to browse without registering (Guest Users)?	■ Not Applicable For This Round	0 points
FR-003. Does the system allow authentication for all four users?	■ Yes	1 points
FR-004. Does the system present buyers with a line-up?	■ Yes	1 points
FR-005. Does the system present buyers with live shows?	■ Yes	1 points
Note: To be presented		
FR-006. Does system allow users to browse and follow artist?	■ Not Applicable For This Round	0 points
FR-007. Does system allow users to purchase tickets?	■ Not Applicable For This Round	0 points
FR-008. Does system allow users to pay using credit cards?	■ Not Applicable For This Round	0 points
FR-009. Does system allow users to pay using debit card?	■ Not Applicable For This Round	0 points
FR-010. Does the system enable monthly subscription?	■ Not Applicable For This Round	0 points
FR-011. Does system accommodate four levels of users?	■ Yes	1 points
FR-012. Does the system allow CP to upload content?	■ Yes	1 points
FR-013. Does the system check for CP registration with relevant body?	■ Not Applicable For This Round	0 points
FR-014. Does system allow admin to receive and approve new CP registration?	■ Not Applicable For This Round	0 points
FR-015. Does system allow admin to receive and approve new content upload?	■ Not Applicable For This Round	0 points
FR-016. Does the system allow users to search content	■ Yes	1 points
FR-017. Does the system provide detailed profile for the artist?	■ Artist Info, ■ Biography, ■ Liner Notes, ■ Archived Videos, ■ Gig Guide, ■ Live Status	6 points
Note: To be presented		
FR-018. Does the system present archives per artist?	■ Yes	1 points
FR-019. Does the system play relevant VR content?	■ Yes	1 points
FR-020. Does system play relevant HD content?	■ Yes	1 points

FR-021. Does system enable access to live performance?	 Yes	1 points
Note: To be presented		
FR-022. Does system stream live shows in HD?	 Yes	1 points
Note: To be presented		
FR-023. Does system stream live shows in VR?	 Yes	1 points
Note: To be presented		
FR-024. Does system allow for group VR experience?	 No	0 points
FR-025. Does the system send analytics to music industry regulator?	 Not Applicable For This Round	0 points
FR-026. Are different network strength supported (2G/3G/LTE)?	 Not Applicable For This Round	0 points

Non-functional Requirements

89.29%

NFR-001. Does the system backup all data?	 Yes	1 points
NFR-002. Have all functional features been fully implemented?	 No	0 points
NFR-003. Are all system features fully implemented and functional?	 No	0 points
NFR-004. Does the system load content in less than 5 seconds?	 Yes	1 points
NFR-005. Does system allow concurrent users without affecting its overall performance?	 Yes	1 points
NFR-006. Does the system scale to over 100 users on the current architecture?	 Yes	1 points
NFR-007. Is the system available across all mobile platforms with same user experience?	 Yes	1 points
NFR-008. Can user access account settings across multiple devices?	 Yes	1 points
Note: To be tested on all mobile platforms		
NFR-009. Is the system easy to use?	 Yes	1 points
NFR-010. Does the system support disability	 No	0 points
NFR-011. Are instructions clearly set-out?	 Yes	1 points
NFR-012. Is operating all components of the system generally easy?	 Yes	1 points
NFR-013. Does the system have proper error handling?	 Yes	1 points
NFR-014. Does the system architecture support 24/7 availability?	 Yes	1 points
NFR-015. Is the system fault-tolerant?	 Yes	1 points
NFR-016. Is the system (data) fully recoverable after failure?	 Yes	1 points
Note: To be presented		
NFR-017. Does the system allow multiple users to connect and watch content without affecting performance?	 Yes	1 points
NFR-018. Does the system design and implementation allow for supportability?	 Yes	1 points

Note: System code to be audited		
NFR-019. Does the system classify content?	<input checked="" type="checkbox"/> Yes	1 points
NFR-020. Does the system prohibit unauthorised access?	<input checked="" type="checkbox"/> Yes	1 points
NFR-021. Does the system encrypt content end-to-end (in transit and at rest)?	<input checked="" type="checkbox"/> Yes	1 points
NFR-022. Is the content stored in the system authentic and legal?	<input checked="" type="checkbox"/> Yes	1 points
Note: To confirm with developers		
NFR-023. Does the system design and implementation allow for reusability?	<input checked="" type="checkbox"/> Yes	1 points
NFR-024. Does the system design and implementation allow for analysability?	<input checked="" type="checkbox"/> Yes	1 points
Note: To be confirmed with developers		
NFR-025. Does the system design and implementation allow for modifiability?	<input checked="" type="checkbox"/> Yes	1 points
NFR-026. Does the system design and implementation allow for testability?	<input checked="" type="checkbox"/> Yes	1 points
NFR-027. Does the system design and implementation allow for adaptability?	<input checked="" type="checkbox"/> Yes	1 points
NFR-028. Does the system design and implementation allow for supportability?	<input checked="" type="checkbox"/> Yes	1 points

System Design and UI/UX Requirements

80%

SDR-001. Have user journeys been documented- as part of the SRS?	<input checked="" type="checkbox"/> Yes	3 points
Note: Spec to be updated to include the journey map		
SDR-002. Does the system design include user journey features?	<input checked="" type="checkbox"/> Yes	3 points
SDR-003. Does the chosen UI align to the entertainment industry?	<input checked="" type="checkbox"/> Yes	3 points
Note: UI redesign strongly recommended		
SDR-004. Are users able to complete transaction using few clicks within the software?	<input checked="" type="checkbox"/> Yes	3 points
SDR-005. Has the system been designed to accommodate visually impaired users?	<input type="checkbox"/> Not Applicable For This Round	0 points
SDR-006. Are the chosen design themes aligned to best practices?	<input checked="" type="checkbox"/> Yes	3 points
SDR-007. Is the program aesthetically striking and intuitive to users?	<input type="checkbox"/> No	0 points
Note: A redesign of the UI may be required		
SDR-008. Do the software's functions respond with reasonable speed considering the task being requested?	<input checked="" type="checkbox"/> Yes	3 points
SDR-009. Does the software actively utilize its resources economically when tasked to fulfil functions?	<input checked="" type="checkbox"/> Yes	3 points
SDR-010. Is the software's functional limits within acceptable set requirements?	<input checked="" type="checkbox"/> Yes	3 points

System Development (Coding)**100%**

DEV-001. Does the software define itself well enough for users to easily recognize if it is appropriate to their needs?

☒ Yes

1 points

DEV-002. Is the difficulty of learning to use the software reasonable considering its intended functions and the user's needs?

☒ Yes

1 points

DEV-003. Is the software reasonably easy to use considering the function being utilized, and the user's need?

☒ Yes

1 points

Regression testing**0%**

REG-001. Have all defects been resolved?

☐ No

0 points

User Acceptance Testing**0%**

UAT-001. Has the system passed all mandatory testing requirements?

☐ No

0 points

UAT-002. Is the system ready for beta testing?

☐ No

0 points

Sign-off - Developer

Full name and signature of developer

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Sign-off - Evaluator

Full name and signature of system evaluator

