

Mobile App Testing (Android/iOS)

A student activity platform was looking for end-to-end functionality testing to be done for their native mobile app. They were keen on standardizing their test procedures to ensure test coverage/ effectiveness. Also, regression testing and load testing was to be performed on the mobile app across Android/iOS. In order to ensure stability, execution and continuous enhancement of test cases was done and parallelly performing compatibility tests on various devices/OS.

Our Solutions

- ✓ Validated the integration & compatibility of the application across 150+ different combinations of iOS & Android versions and mobile devices using test object.
- ✓ Validated application Load for 5000+ concurrent users for over a period of 1 hour or more using Jmeter.
- ✓ Performed exploratory testing to ensure application flow
- ✓ Automated Mobile app functional flow with Appium to perform regression tests

Business impact

- ✓ Incorporated testing Best Practices and streamlined processes & procedures to enhance smoother test execution cycle
- ✓ 97% Testing Efficiency with negligible valid production bugs
- ✓ 100% regression test coverage with no defect leakage using Appium, resulting in 25-30 % reduction in the cost of testing
- ✓ Supported 6 major release and 5 version releases

