



Case Study: [Heymarket] Mobile App Testing

Background

Client Developed the productivity app called Heymarket for business owners, which allows business owner to manage customer using smart messaging. Users can schedule meetings, set reminders to follow up and export chat. It saves time by working with your calendar, contacts and photos. App also allow to create list of people to send the messages and set reminders according to their needs.

Business Objective

The primary objective of our service is to provide the Manual Testing and Automate the Business Flows, as well as need to certify App across the various set of devices and OS.

Heymarket Mobile App Testing

Challenges

- ❑ Certify Mobile App across the multiple real devices and OS combination.
- ❑ Automate all business flows of mobile app and run it on real devices.
- ❑ We need to configure the cloud environment on AWS Device Farm that facilitate to execute test on multiple devices at a time.

KiwiQA Approach

- ❑ Utilize the in house devices available in KIWIQA Lab and for rest of the devices, we use the cloud based partner to perform the Testing.
- ❑ Design and Implement the Automated Test framework for mobile App.
- ❑ Configure Automated Test build in such a way that it can generate compatible artifact that can be executed on AWS Device Farm using Jenkins.

Value Delivered

- ❑ Create Test Case Repository with more than 125 Functional test cases and executed it across 6 devices suggested by client.
- ❑ Automated 105 business flow defined in Test case Repository and run through all devices available in KIWIQA Lab from purpose.
- ❑ We are able to run all Automated Test cases on AWS Device Farm with various device pool.

Solution Background & Engagement Details- The Outcome

Our solution was delighted and given confidence to customer where it had functional improvements, effort and accuracy cost.

Earlier single test suite execution time was around 3 hour per device. But placing automation system using aws device farm will complete whole execution in 3 hour with 5-7 devices.

Our solution has gained client confidence and thus strengthen the relations between us and which in tern made client to give more work over a longer period of time.