propelics

KICKSTART:
MOBILE TESTING AUTOMATION

Break free of the mobile testing quagmire.

Has your company had enough? Quickstart your Kickstart.

KICKSTART:
MOBILE TESTING AUTOMATION

Manual mobile app testing can be time consuming, frustrating, and costly, ultimately proving insufficient. The vast number of devices and OSs — combined with rigorous updates and deployments — makes manual testing a losing proposition.
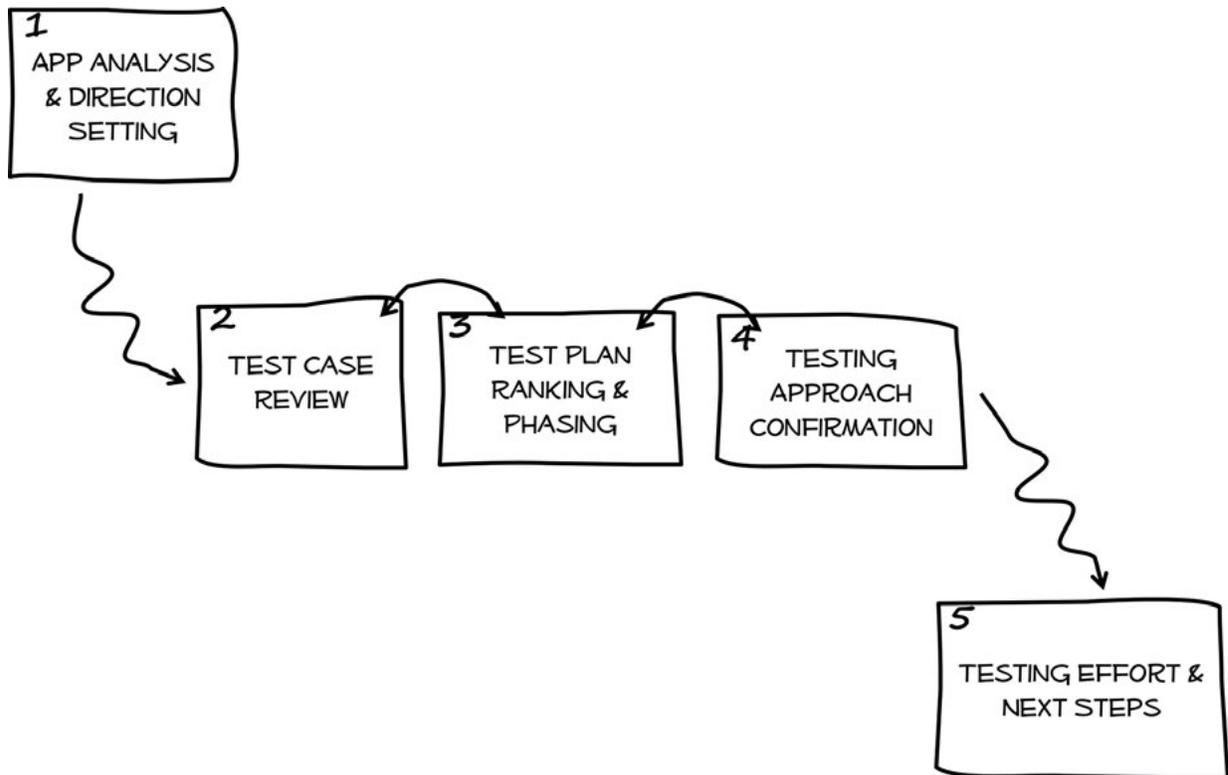
Automating mobile app regression testing is no longer an option. It's a necessity. However, since most organizations have limited experience with mobile-specific testing automation, finding the right strategy poses a serious challenge.

Propelics offers a two-step solution — a Mobile Testing Automation Kickstart followed by an Automated Testing Starter Pack. This process solidifies your organization's Test Automation Roadmap, creates a Test Plan, provides training on test automation tools (such as SOASTA TouchTest or Appcelerator Test), and provides Automation Sample Scripts to get you going.

OUR APPROACH

The Testing Automation Strategy Kickstart follows five key steps, typically over a 1 or 2 week period:

1. App Analysis & Direction Setting

First, we utilize the Mobile App Analysis Framework to gain a clear understanding of your app(s) by capturing those critical parameters being considered for automation.

2. Test Case Review

Next we review your current Test Cases to establish your overall readiness for automation planning.

3. Test Plan Ranking & Phasing

Then we rank each Test Case by Business Criticality, Value of Automation, Automation Readiness and Ease of Automation.

These criteria classify your automation viability by applying an "Automation Priority" score, ultimately generating the Mobile Test Automation Roadmap

4. Testing Approach Confirmation

Here, we examine and confirm critical test plan components such as testing triggers, resource model, testing and reporting tools, and testing acceptance criteria.

5. Testing Effort and Next Steps

In the final step, we establish the necessary automation testing effort by identifying the resources needed, the duration of the Testing Setup and Initiation Phase (Number of Automation Testing Starter Packs), and the overall expected effort for ongoing testing.

Not one size fits all!

Every step of this methodology has been carefully crafted and includes a well-defined set of exercises. We take into account our client's unique needs and tailor this methodology to best accommodate each specific engagement.

WHAT YOU'LL GET

Upon completion of this Kickstart you'll take away the following artifacts:

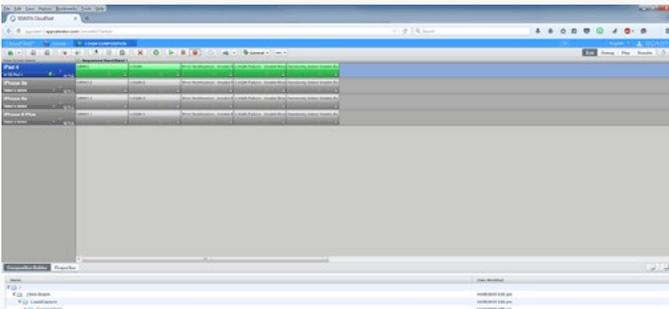| 2	Understand the Business Purpose of the app
3	Type of App
4	Business Criticality/Value
5	User Regions
6	Understand the intended functionality of the app
7	Installation Instructions
8	Credentials
9	App Complexity
21	Supported Devices
27	Number of supported production app versions
28	Current Testing Scope
33	Testing Tools Current State
34	Test Case Management
35	Defect Tracking
36	Automation
37	Performance
38	Number of Production releases per year
39	Number of internal builds per month
40	Software Development Platform

APP PROFILE

Propelics' Mobile App Analysis Framework enables us to create your App Profile.

This profile provides a standardized formatting method for the most critical app info.

MOBILE TEST AUTOMATION ROADMAP

Identifying those test cases that make good candidates for automation can be a challenge for organizations. Our Mobile Test Automation Roadmap uses standardized prioritization criteria, allowing us to reliably identify which test cases are the best automation candidates.

TEST AUTOMATION DEMO AND SAMPLE SCRIPTS

We first demonstrate the capabilities of Test Automation using tools such as SOASTA, TouchTest or AppceleratorTest. These initial samples help establish best practices for test automation script development.

TEST PLAN, EFFORT & NEXT STEPS

Propelics Kickstarts produce an actionable plan and defined next steps. The Test Plan reiterates the assumptions used to derive the testing-automation effort and defines the necessary resources and timeline for each step moving forward.

The Automation Testing Starter Pack is for those clients who would like to spend a bit more time under Propelics' guidance before venturing off on their own.
This 30-day engagement builds upon the testing foundation provided by the Kickstart and is offered as an add-on to the Kickstart.

Perhaps your company is anticipating some upcoming triggers: releasing new apps or updates, accommodating a new OS release or adding new devices to your portfolio. Further, we'll continue to flag test cases for manual or automatic testing, create test clips for test-case subsets, and build compositions. Lastly, we'll conduct knowledge transfer sessions to ensure all internal resources are up to speed and on the same page.

propelics

"People said it was impossible. We can't do a one-call close. We can't do a service call without the VIN. Then Propelics went ahead and built it."

Curtis Kuboyama, **EVP Strategic Development, Blue Yield**

BREAK FREE OF THE MOBILE TESTING QUAGMIRE.

Has your company had enough?
Quickstart your Kickstart.