



KICKSTART

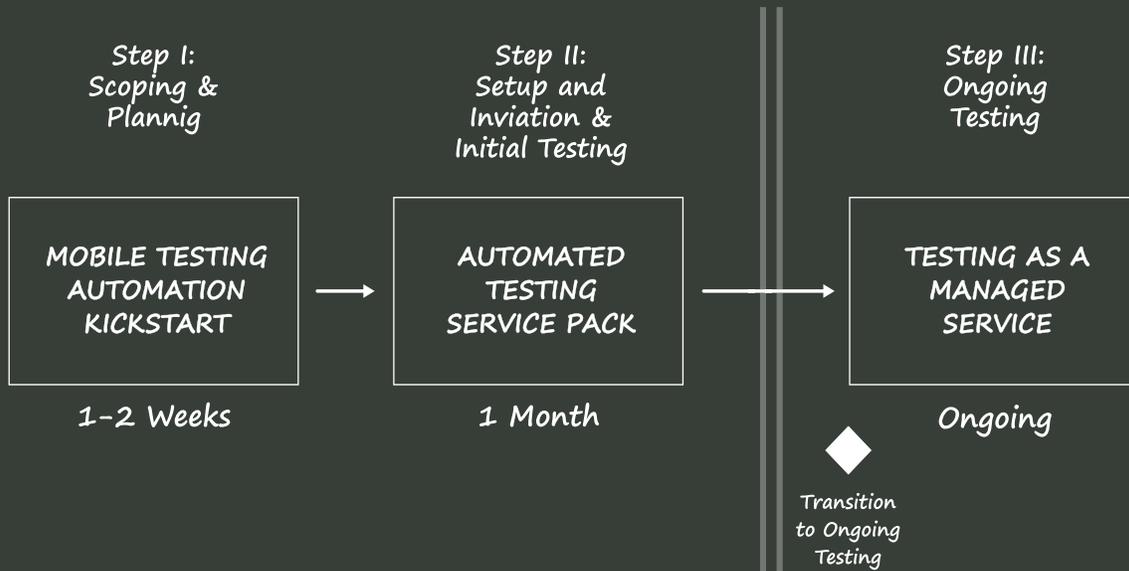
Mobile Testing Automation

Break free of the mobile testing quagmire

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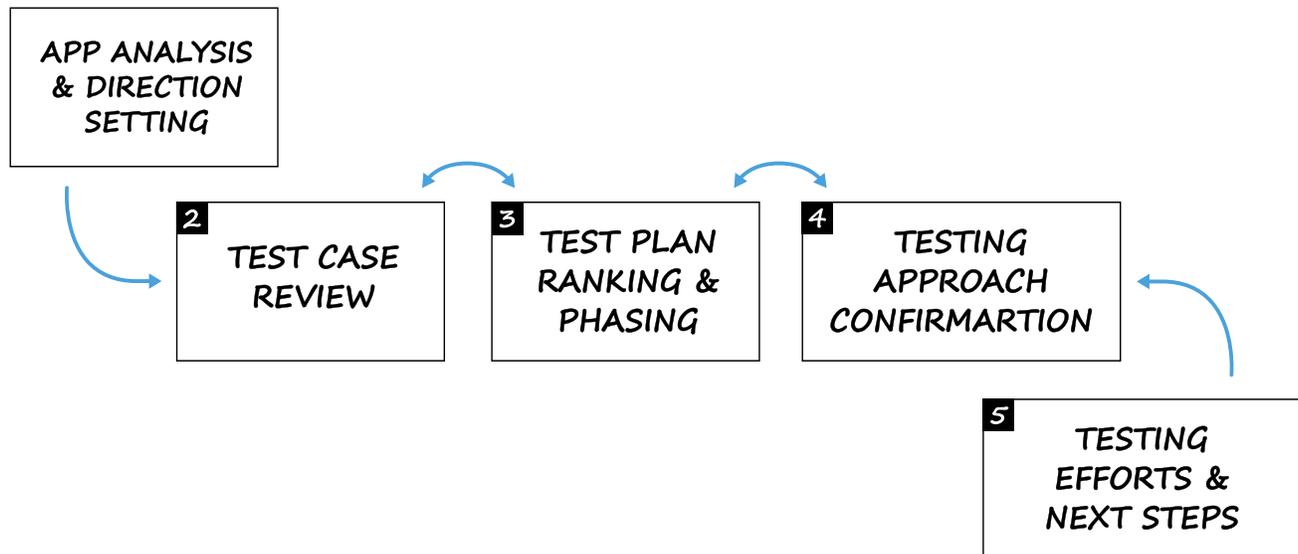
Manual mobile app testing can be time consuming, frustrating, and costly. The vast number of devices, OSs, updates, and deployments makes manual testing a losing proposition.

Automating your 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 is a real challenge.

Propelics Mobile Testing Automation Kickstart solidifies your organization's Test Automation Roadmap, creates a Test Plan, and provides sample automation scripts and tool training to get you on your way.

Our Approach

The Mobile Testing Automation Kickstart follows five key steps (typically over a couple of weeks):



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, plus Automation Value, Readiness, and Complexity. These criteria determine 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 models, testing and reporting tools, and testing acceptance criteria.

5. Testing Effort and Next Steps

Finally 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 effort of 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 data.

Mobile Test Automation Roadmap

Identifying test cases that make good candidates for automation can be an arduous 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 Scenario	Scenario Description	Business Criticality	Value of Automation	Automation Readiness	Ease of Automation	Automation Priority	Manual Only
Login_Forgot Password	Validate Forgot Password Screen is displayed when Forgot Password link is displayed	0.0	0	0	0	0.0	
Login_Forgot Password_Close	Validate Forgot Password Screen is closed and returned to Login screen when "X" is clicked	0.0	0	0	0	0.0	Y
Login_keep me logged in_switch ON	Validate user is able to login automatically after relaunching the app when "keep me logged in" switch is ON	0.0	0	0	0	0.0	Y
Login_keep me logged in_switch OFF	Validate user is not able to login automatically after relaunching the app when "keep me logged in" switch is OFF	5.0	5	5	5	5.0	
Login_keep me logged in_switch OFF_Default	Validate "keep me logged in" switch is default to OFF when app is launched	5.0	5	5	5	5.0	
Select Employee_User Photo/Name	Validate user's Photo and Name. Last Name is displayed in Select Employee	0.0	5	5	5	0.8	
Select Employee_Employee List	Validate Employees are listed and sorted Alphabetically by Last Name, Name in	5.0	5	5	5	5.0	

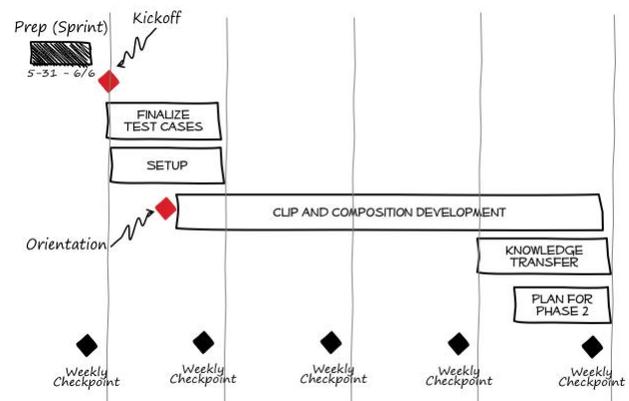


Test Automation Demo and Sample Scripts

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 and Next Steps

Our Mobile Testing Automation Kickstart produces an actionable Test Plan and defines next steps. The Test Plan describes the testing-automation effort and defines the necessary resources and timeline for each step moving forward.



2. Automated Testing Service Pack

The Automated Testing Service 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.

In a single month, Propelics will establish your testing structure and formalize your Mobile Testing process as we continue to guide IT through Automated Testing. This program acts as a hand-holding period as we experience first-hand your organization's Mobile Testing process under 'real-world' conditions to ensure your team has the tools, processes, controls, and talents in place to confidently meet the unique challenges of testing for mobile devices.

Perhaps your company is anticipating some triggers: app updates or releases, new OS environments, or additional portfolio devices. We'll continue to flag cases for manual or automatic testing, create 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.

No matter what your mobile testing needs entail, Propelics will be there to help identify all potential triggers and create a time-based schedule to smooth out the rough road ahead.

“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.

Contact us today to schedule your [Mobile Testing Automation Kickstart](#)

Thanks for reading our whitepaper.

And be sure to take advantage of this limited-time offer for a **FREE 30-minute Strategy Consultation.**

Get yours now!