propelics

📖 **KICKSTART**

Testing Strategy for Mobile

Prepare your testing team for the mobile enterprise arena.

www.propelics.com

Testing Strategy for Mobile

We've seen it time and time again. Despite having developed one or more Enterprise mobile apps, many of our clients remain woefully unprepared to test their applications properly. It's not that these companies don't have testing teams. They do. They simply lack the processes, skills, tools, devices or resources necessary to get the job done effectively and efficiently when it comes to testing for mobile.

This Kickstart will score your current testing readiness and provide a prioritized, phased plan to close the gaps along with a Mobile Testing Roadmap to get you going. These guides ensure your team has the tools, processes, controls, and talents to confidently meet the challenges of testing for mobile apps and devices.

MOBILE TESTING: THE BIG BLOCKS

FUNCTIONAL
·Validation of functionality
·Smoke/Regressions Testing
·Offline Access Testing
·Negative testing

NON FUNCTIONAL
·Network Strench/ Outage/ Recovery
·Different NW Types
·Peripheral Testing

INTEROPERABILITY (IOP)
·Voice/SMS Interrupts
·Notifications
·Battery/ Cable Removal

MEMORY LEAK
·Memory usage
·Memory Leaks
·Garbage Collection

PERFORMANCE TESTING
·CPU Usage Testing
·Network Usage
·Page Render Time or Activity render time

USABILITY TESTING
·User Experience
·Competitive Analysis
·Expert Review

INSTALLATION TESTING
·New App Install
·Uninstall and Reinstall
·Upgrade Testing

SECURITY TESTING
·Owasp vulnerabilities
·Dynamic Testing
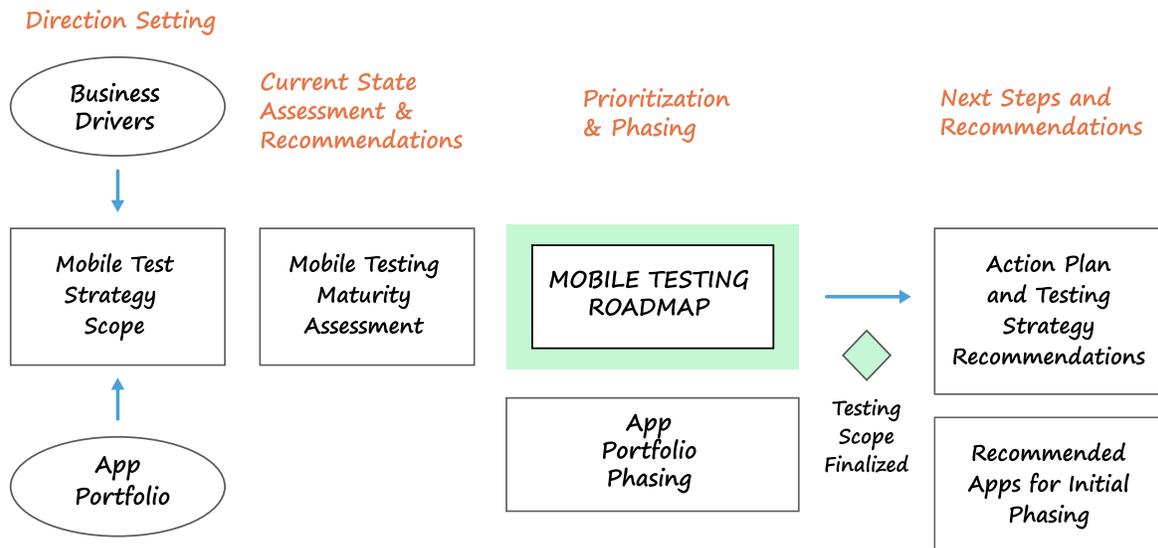·Static Code Analysis
·Data Encryption

LANGUAGE TESTING
·Validation for Locales
·Images and Text
·Currencies, time zones etc.
·Context

If you're suffering under the ever-increasing weight of devices, systems, apps or test-cases your company must support, now you can break-free of the mobile-testing quagmire. Propelics Testing Strategy for Mobile Kickstart will ensure you deliver the highest quality apps to employees, partners, and customers.

Our Approach

The Testing Strategy for Mobile Kickstart follows three key steps
(typically over a few weeks):

Direction Setting

Current State Assessment & Recommendations

Prioritization & Phasing

Next Steps and Recommendations

Business Drivers

Mobile Test Strategy Scope

Mobile Testing Maturity Assessment

MOBILE TESTING ROADMAP

Action Plan and Testing Strategy Recommendations

App Portfolio

App Portfolio Phasing

Testing Scope Finalized

Recommended Apps for Initial Phasing

1. Direction Setting:

First we develop a thorough understanding of your organization's current app and testing landscape and explore the company's target focus areas and business drivers to rank your most relevant priorities. Lastly, we discuss various testing philosophies to determine which direction is most appropriate.

2. Current State Assessment and Recommendations

This step assesses your current Mobile Testing maturity and provides a guidepost for success. We study your existing app portfolio to better understand your company's mobile vision, user base, and target devices to establish an OS alignment plan and a device/release strategy.

3. Testing Roadmap and Next Steps

We conclude with the generation of actionable steps presented in a comprehensive Mobile Testing Roadmap that encompasses people, process, and technology. This Roadmap prioritizes testing tactics by weighing business value against organizational readiness, and is based on the following qualifiers: criticality, complexity, and required effort.

Our Executive Readout summarizes findings, recommendations, and next steps, and includes a Phased Plan which details recommended activities along with timeline, resource, and cost estimates to form a highly actionable mobile testing strategy.

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:
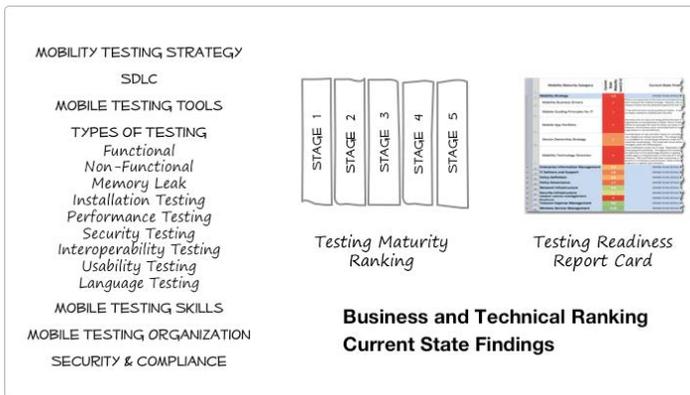
Mobile Testing Maturity Assessment and Report Card

Instrumental to building a successful testing strategy, the Mobile Testing Maturity Report Card provides scores and recommendations across all major mobile testing categories, enabling the Propelics team to develop a solid understanding of the client's existing mobile testing capabilities.

The assessment outcome is then measured against our index of Fortune 1000 IT maturity results. Your team receives a benchmark score and analysis helpful when measuring your mobile testing readiness against companies of similar size and market.

Prioritized and Phased Mobile Testing Strategy Roadmap

The Propelics team creates a Prioritized and Phased Mobile Testing Readiness Roadmap detailing projects and tactics necessary to achieve success.

The roadmap articulates a detailed, prioritized tactical plan to advance your mobile testing maturity.

Short and Long Term Recommendations

Our Executive Readout reviews key findings and objectives, recaps our approach and recommendations, and provides an investment plan along with a phased timeline for future-state and next steps.

"One thing we learned through this process is that during this time of mobile explosion, it's very difficult to take [a] process and overlay it on mobile exactly as it is.

"Propelics reminded us that...careful thought must be given to the user experience and design as well as simplicity of use."

— **Subodh Mishra - Divisional VP, Family Dollar**

Prepare your testing team for the mobile enterprise arena.

Contact us today to schedule your Testing Strategy for Mobile 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!