TESTCo
Outsourced Software Testing
www.testco.com

Mobile Application Testing – What Did You Forget?

A semi-comprehensive list of everything you should check before you release your mobile application.

Overview

Your mobile application is almost ready! Everyone's excited about the new value you're about to launch into your customer community!

But, wait. What if something goes wrong? What if there's a bug or a glitch? Sure, you tested it, but was that enough?

What might a bug or a glitch cost you? Probably nothing obvious, but consider what you do when you download a new app that doesn't work well.

What do you? Yeah, you probably delete it. And your customers and prospects will do that too.

So, how can you minimize the risk of defects and increase your confidence that everything is exactly like you want it?

Simple – a Mobile Application Testing Checklist!

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Your Goals

First, let's look at your **goals**. Every worthwhile achievement started as a powerful goal:

- What is my Quality Goal?

- Is my Quality Goal clear and SMART?

- What level of quality do my customers and prospects expect?

- How much testing do I think I need to achieve my goal?

- What types of testing do I think I need to achieve my goal?

- What are the boundaries or constraints – the "don't do this" list?

Your Scope

Next, let's look at your **scope**. The type and amount of testing work you think you need:

- What devices should be considered to test on and why?

- Which of these testing areas are important and why?
    - Core functionality
-
    - ALL functionality
-
    - UI/UX functionality
-
    - Device interoperability
-
    - Power management/drainage
-
    - Longevity

- Will I need regression testing after defects are discovered? How much and how often?

- Should I test all functions on all devices or use a matrix approach?

Your Process

Now, let's look at your **process**. The way you integrate your testing activities with your development and release activities.

- What are your defect categories and instructions for properly categorizing defects?

- Do I need peer reviewed defects to insure quality?

- How will I avoid defect duplication?

- How will I measure defect reporting and testing progress?

- How often do I get a new release/sprint to test and how much testing is needed after each release/sprint?

- How much is my budget for time & money for testing and quality?

- What "gives" when I don't have enough time or money?

Your Devices

Lastly, let's look at your **devices**. The type and number of mobile devices you expect your customers to use has an impact on the amount and type of testing you will need.

- What is my device list?

- How do I decide which devices to put on the list?

- What is the market share of the devices NOT on my list?

- Do I have the devices I need?

- What mobile operating systems need to be on those devices?

- What networks (2G, 3G, Wifi) do these devices need testing on?

- Am I concerned about too many simultaneous users and how my mobile application performs under that load?

- Is my mobile application the same code for all devices and operating systems?

- Will I need usability testing?

- Will battery or network usage be a potential issue with my mobile app?

- Will my mobile application need installation testing? Re-installation testing?

- Do I have a concern about the security of the data or network connection?

- If my app is web-based, what type of browsers will I need to test on?

Whew, congrats! You made it all the way through this simple checklist!

You probably realize that this isn't a comprehensive list.

There isn't one and you can spend WAY TOO MUCH time & money trying to sort out every little detail.

You probably realized this as you read through the list.

Here's a secret though – you only need "just enough" mobile application testing.

You DO NOT NEED TO TEST EVERYTHING. You need to TEST ONLY THE IMPORTANT stuff.

The big question that you really have to think about is this.

What is Important and what is Not Important? What is my quality goal and why is that Important?

If you know your quality goal, then the answers to the checklist items become very easy.

If you don't know your quality goal and are struggling or just want a little help, call us and we'll talk you through it. No sales pressure, just us helping you do a great job with your mobile application. If you like what you hear and think we can help you, we'd be honored to be a part of your team helping you to achieve your goal.

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Next Steps

What Do I Do Next?

I hope you've found this report valuable.

If you need help today, then by all means, please call us at 888-254-9709. If I don't answer, please leave a voicemail letting me know that you need help urgently. I'll call you back within 1 business day. You should also send an email to jeff@testco.com so I'll have 2 opportunities to see that I need to get in touch with you quickly.

If you don't need help today but think you might need help in the near future, please send an email to jeff@testco.com and we'll arrange a time to talk on the phone and answer any questions you have.

Here's what one of our On-Demand Software Testing clients said recently –

"TESTCo was crucial to meeting our testing goals and deadlines. Even though I was too busy to provide proper direction to the testing team, they were able to get started on their own, create test plans based on what I wanted and deliver results from day one. As the testing needs of the project grew, TESTCo was easily able to grow with us. They continued to build requirements themselves and they were able to manage the testing process in a way that worked for us, not against us. Bringing in TESTCo is a huge win for any software engineering project." - Apaar

You may find that you like the idea but are still uncertain as to how to proceed. That's not unexpected. Unfortunately, I can't give every detail of every step in the process – it's just too much information. If you find that you're still a bit uncertain, please feel free to contact me at via our website at www.testco.com. We can schedule a quick meeting to answer your questions and discuss the process in more detail.

I wish you the best of luck and success with your next project.

Jeff Hotz, President/Founder, TESTCo

About TESTCo
TESTCo delivers Software Testing Services to carefully selected customers around the world. The Austin, Texas-based company's customers eliminate software testing problems, slash support costs by up to 50% and achieve their release date commitments...all without the risk of hunting down the best outsourced vendor, the pain and frustration of learning how to properly manage them and the unpredictable results so common with most outsourced vendors.