Prolifics **Testing**

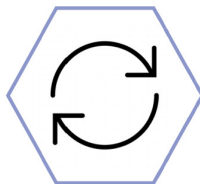# WEB AND MOBILE TESTING SERVICES

END-TO-END SOLUTIONS

QUALITY
Ensure software is usable, error-free, and offers a quality customer experience

FLEXIBILITY
A range of testing tools investigates functionality regardless of device or OS

COMMUNICATION
Close collaboration and regular reporting keep stakeholders in the loop

METHODOLOGY
Five-step process fully tests applications and produces recommendations

TEST WITH CONFIDENCE FOR SUPERIOR PRODUCT USABILITY

Our web and mobile application testing services help ensure that your websites and mobile apps function correctly and to specification over a range of different devices, operating systems, and browsers. Carefully planned tests based on key user journeys through sites and applications create confidence that your software is usable, error-free, and does not result in the frustrated end user experience that is so often the result of poor-quality software and insufficient testing in today's fast-moving and competitive landscape.

The launch of a new website or mobile app that has not been tested properly can have a significant negative effect on a company, with the exact opposite being true for a welldesigned, developed, and tested site or application. It is especially critical to get your apps right the first time; with social media and app store ratings, your app can gain a positive or a negative reputation very quickly, which is often difficult to reverse.

Today, users are IT savvy, with high levels of expectation and low levels of patience. They expect websites and apps to be simple, immediately intuitive, and to work on a range of different browsers and mobile devices.

Users do not often behave the way developers behave, and this can cause frustration for consumers who want to be up and running with little fuss. This often includes ensuring that integration with social media works correctly on all platforms.

Prolifics Testing has a qualified, experienced test team that specialises in testing apps and responsive websites on a wide variety of browsers and mobile devices.

We can test virtually any application, allowing our customers an independent, specialist view before go-live, or act as a formal checkpoint in accepting a delivery from a third-party developer.

Our team of professional testers can quickly come up to speed with your software and collaborate online via our secure, cloud-based defect and project tracking portal. Prolifics Testing has the facilities to carry out both manual and automated tests using a range of tools in conjunction with both real and emulated devices and browsers. Additionally, our team are able to embed automated regression tests on different types of apps, including native, hybrid, and responsive web applications.

We work with our customers on both agile and waterfall models, or anything in between. We excel at daily scrum conference calls, close collaboration, and executing tests rapidly on multiple builds, following up with regression testing and compatibility checks.

Web and Mobile Testing Services

We can offer a professional outsourced service to test your website and mobile apps, whether internal or externally facing, with a variety of testing services:

- Functionality, GUI, and usability testing. Based on requirements, including working embedded as part of virtual (agile) teams
- Compatibility testing. Tested against a matrix of hardware, operating systems, browsers, and devices
- Automated testing. Covers regression and compatibility assessments
- Independent usability testing. Investigates the user experience from installation to application use
- Non-functional testing. Tests apps under varying network conditions using network virtualisation
- Certification testing. Assesses app suitability for submission to app stores

Our consultants and devices can be quickly deployed on your website or app, regardless of your business's unique requirements.

The Testing Process

Prolifics Testing performs web and mobile app testing both off and on-site as required. We have an extensive range of the latest devices and tablets in our test lab, in addition to emulated devices in the cloud. These enhance our offering, ensuring all required hardware, operating systems, and browser combinations are catered for. Our process begins with a discovery session, where we review the software under test (when ready) as well as all documentation, including wireframes and product specifications. We conduct daily conference calls and deliver defect summary repots throughout the process.

Our testing process involves the following steps:

- **Step 1:**
  Planning. Meetings and workshops with the project team, after which a high-level test plan is produced. This identifies the functionality under test, the device and browser matrix, whether tests will be manual or automated, and whether performance and security testing are needed.

- **Step 2:**
  Detailed Preparation. Document high-level test scripts of functionality to be covered. Scripts are high-level guidelines through the system's key user journeys, with areas for exploratory testing highlighted for testers to flex their creativity.

- **Step 3:**
  Initial Test Cycle. Execute tests on a core set of browsers and physical devices to verify functionality. These initial tests are focused on the most popular devices and browsers, as well as those the project team are concerned about.

- **Step 4:**
  Further Test Cycles and Regression. Execute tests on a wider range of physical and emulated devices. There are likely to be a number of cycles of testing and re-testing fixed defects, finishing with a cycle of regression testing.

- **Step 5:**
  Test Completion Report. Once complete, a comprehensive test report is produced on the tests executed and the defects identified, with clear recommendations.

We use a range of technologies for testing websites and mobile devices, depending on the project. These can include the following mix of open source and / or enterprise grade tools:

- *Defect tracking/test repository*
  - *HP Quality Center*
  - *GitHub*
  - *Jira*
  - *ReQtest*

- *Test automation*
  - *HP Unified Functional Testing*
  - *Appium*
  - *Robotframework*
  - *Selenium*
  - *Capybara*
  - *Ranorex*

- *Cloud-based environments*
  - *Sauce Labs*
  - *DeviceAnywhere*
  - *HP Cloud Services*
  - *Perfecto*
  - *BrowserStack*
  - *BrowserSync*

- *Non-functional testing*
  - *JMeter*
  - *NeoLoad*

Schedule Your Testing Session

Contact us at **info@prolifics-testing.com** to schedule your web and mobile testing session.

Prolifics Testing

OUR COMPANY

Prolifics Testing is a specialist IT consultancy with a total focus in software testing - automation, performance, consultancy and training.

We deliver high quality, flexible software QA and testing services - supporting our clients with outsourced testing on demand, digital transformation, business as usual and specialist testing disciplines.

CONTACT US

Telephone
+44 (0) 20 8905 2761

Email:
info@prolifics-testing.com

Website:
www.prolifics-testing.com