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CLOUD TESTING SERVICES

Cloud Support – Service Definition

IB Boost is a specialist development consultancy whose focus is on delivering complex solutions to global organisations. Our experience has led to the development of a suite of innovative software frameworks for accelerating project delivery. Our combination of subject matter expertise and innovative software solutions paired with our passionate technology consultants allows us to provide a comprehensive range of cloud solutions for almost any target application technology.

SUMMARY

IB Boost provides a comprehensive range of testing services for cloud migrations, new software initiatives, customised developments, quality assurance and any other testing scenario. From test strategy to execution, we can either take ownership of your end-to-end testing requirements, or work alongside your team, offering support to deliver your project.

SERVICE OVERVIEW

IB Boost provides a comprehensive range of cloud testing services for migrations, new software initiatives, and bespoke developments, as well as any other application testing scenario.

Flexibility

From test strategy to execution, we can take ownership of your end-to-end testing requirements, or we can work alongside your team to take on the specific roles and functions required to deliver your project. As such the various components of this service can be delivered whole or in part.

Automated v Manual Testing

IB Boost has significant expertise in automated testing and our typical approach is to automate as much as possible. Although this service description primarily focuses on the process and benefits of an automated testing engagement, we also provide manual testing services or an integrated solution of both manual and automated testing, depending on what best suits the client and project.

Expertise

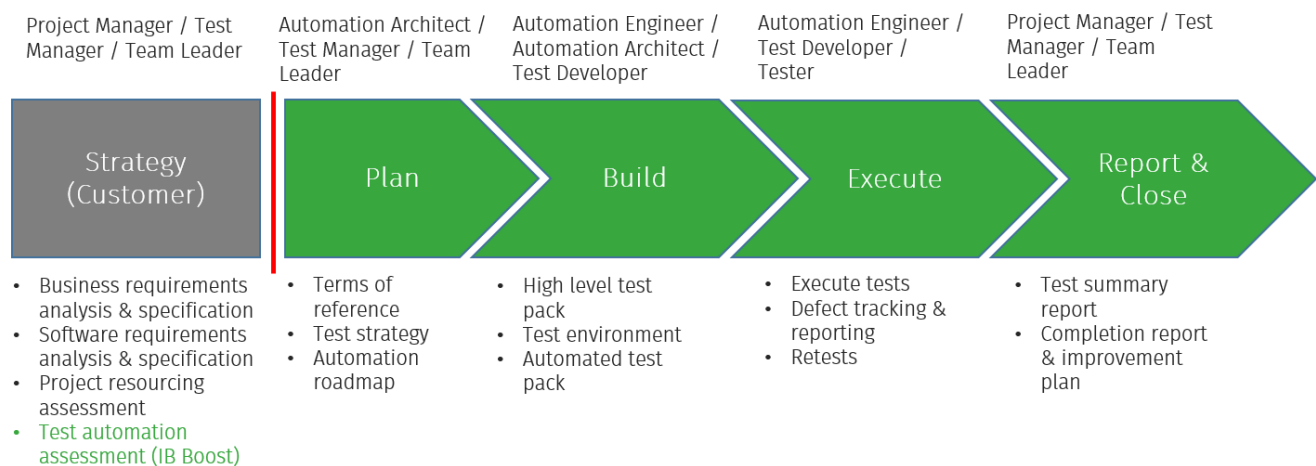
Testing automation practices can significantly impact on an organisation's ability to provide excellent technology services while maintaining a reasonable total cost of ownership.

Our experience providing complex testing solutions for leading global organisations gives us a depth of expertise that sets us apart from our competitors. This testing expertise gives our customers confidence that we can adapt to the specific context of their software development environment, whether your methodology is Agile or more traditional approaches such as Waterfall.

Testing capabilities

- UI testing (both usability testing and scenario testing)
- Web testing (including those of cloud-based apps)
- Performance testing
- Distributed testing (including massive user simulation)
- Regression testing
- System integration testing
- Data migration and reconciliation
- User acceptance testing

ENGAGEMENT PROCESS



SERVICE COMPONENTS DESCRIPTION

DELIVERABLE	PHASE	DESCRIPTION
Test Automation Assessment	Strategy	If deemed appropriate to the requirements, IB Boost can conduct a Test Automation Assessment. This can be a standalone engagement or a part of a larger initiative. The purpose of the assessment is to make specific recommendations as to whether test automation is right for you. We will assess organisational readiness for automation, and to what extent your existing testing can be automated.
Test Automation Strategy	Strategy	If required for the project, IB Boost can prepare a Test Automation Strategy for your organisation or at the project level. The strategy makes determinations about the right approaches and priorities for automation, forming the foundation of the planning stage.
Test Automation Plan	Plan	Priorities and approaches outlined in a testing strategy, coupled with detailed analysis of requirements drive the formation of a detailed Test Automation Plan. This plan will cover all the elements necessary for the successful completion of the project: test phases, entry and exit criteria, people involvement, test environments.
Test Pack Creation	Build	From your existing manual test pack, or from the specifications obtained, we will create automated test cases for execution. Test cases will be reviewed and tested to ensure they run as per design. Test cases will also be reviewed against appropriate measures of coverage.
Test Execution	Execute	Automated tests will be executed according to plan, which often means they are executed as they become available from the building phase. This staggered approach enables IB Boost to focus on the highest priority items first.
Test Reporting	Report	Throughout the project and in summation, IB Boost will provide bespoke reporting to key stakeholders identified in the planning process. Reporting is an essential component of the service.
Documentation and Knowledge Transfer	Close	At the conclusion of the project, as necessary, IB Boost will provide detailed documentation and work collaboratively with the relevant parties to ensure a full and complete transfer of knowledge relating to the project.

FEATURES

- Test tooling recommendations and provision/integration into continuous delivery programme
- Test coverage and automation assessments and recommendations
- Creation, management, and execution of test plans, suites, and reports
- Experts in development testing interface including Behavioural Driven Development practices
- Stress, load, soak, performance, functional, web, and user testing
- Expertise in test automation with common industry tools
- Compatibility with HP ALM, HPQC, Selenium, JMeter, Cucumber/Gherkin, ORQA
- Integration of cloud testing into existing IT organisation practices

BENEFITS

- Lower application total cost of ownership (TCO)
- Reduced time to market for new software
- Improved quality of software
- Increased test coverage, allowing more rapid future development
- Increased test efficiency and productivity through structure and automation
- Decreased time to troubleshoot, fix and patch issues
- Enhanced traceability of testing
- Increased discipline and consistency of testing process
- Testing weaved into modern Continuous Integration cycles
- Extensive experience in test automation and methodology