



FastTrack Test Analysis and Design

A Software Development company's success is driven by the sale of an innovative or niche solution to a business problem. The reliability of the first release of the product will generally be high due to tenacious testing by the core team of developers, manual writers and sales and marketers. As the product is further developed, a more formalised testing strategy and process will be required to maintain reliability in an effective and efficient manner.

The Challenge

It is accepted that you cannot test everything, but how do you choose what to test, how much and to what depth to meet business objectives? How do you know how to make effective use of test environments? What test data is required and how can it be reused? Which tests should be used to validate existing function against the risk of adverse effects of changing the product? Which tests lend themselves to automation? What skills level should the tests be written to?

The Solution

The solution is to spend time analysing the product to determine what should be tested to meet the business and technical testing objectives. Having decided what should be tested, time should then be spent designing how the tests should be prepared to enable best use of test environments, test data, test technology and test personnel. Priorities should also be allocated to each test or test scenario to allow informed pragmatic decisions to be taken on whether to run the test or not in the event of time or resource issues.

How can we help?

nFocus has a tried and tested methodology for quickly getting you through this analysis phase of testing. Our test analysts and consultants will work with you to quickly determine the tests required to meet your objectives together with the associated environment and data requirements.

Our fixed price offering consists of the following activities:

- ▶ Analysis and functional decomposition of your product or system using existing documentation together with interviews with business analysts, testers, developers and sales personnel
- ▶ Preparation of a customised workshop to determine the tests scenarios, priorities and skill requirements for the tests to be prepared
- ▶ Facilitation of the workshop with your team to agree the tests required together with test environments and test requirements. In addition tests are assessed for suitability for automation and regression purposes and classified accordingly.

- ▶ The output from the workshop is then recorded by us in a test management tool together with test plans and high level specifications for test environments and data

Benefits

- ▶ Saves valuable time and money by enabling you to understand the scope of testing and associated requirements in days rather than weeks
- ▶ Establishes a common understanding of what will be tested and the associated risks
- ▶ Gives enough information to be able determine the work required to prepare the tests
- ▶ Documents the agreed tests, priorities and requirements for testing (e.g. environments and data)
- ▶ Addresses the key issues to enable scalable, reusable, repeatable, efficient and effective testing for the future
- ▶ Enables test automation to be used where appropriate

To arrange for one of our consultants to call you at no charge to discuss your project and how we may help please call 0870 242 6235 quoting "FastTrack Test Analysis and Design".