



# Case Study: Manual Testing

# Background

The Client – Genix Ventures brings a unique set of skills together under a single banner: a combination of management consulting, risk management, process optimization, project and IT service experts come together to provide advanced and comprehensive solutions to improve business performance.

Provide range of software solutions and professional services to clients and work in partnerships with domain experts to develop software product.

Leading supplier of government, banking, financial services, utilities, telecommunications, transport, defence, life science industries to develop and deliver software solutions, management consulting projects, commercialization partnerships.

# Business Objective

The primary objective was to provide the solution for manual testing in ABCC product. The main purpose manual testing to understand the product and gathering the requirements, review specifications document like data dictionary, ERD, workflows, write test cases in test case management tool and execute test cases, logging the issues in test management tool, execute UAT business scenarios, functional testing, regression testing, smoke testing for each releases, suggesting the improvements for the product.

## Challenges

- ❑ Understanding the Australian Building & Constructions Commission business process scenarios.
- ❑ Major challenge is the understanding ABCC business process which is unfamiliar domain.
- ❑ Another major challenge is frequent changes in different releases because of too many changes in their requirements and very strict deadlines for testing.

## KiwiQA Approach

- ❑ Team gathers the requirements from client and understand the ABCC business process scenarios.
- ❑ Team studied the ABCC business process from specifications documents like data dictionary, ERD, Workflows and various online websites.
- ❑ Team used requirement traceability matrix for the issue tracking and working extra hours to complete testing.

## Value Delivered

- ❑ Team prepared around 950+ test cases (80 % functional and 20 % usability/UI) and logged around 300+ bugs for the product.
- ❑ Team has understand the client product specifications document.
- ❑ Team has achieved almost 95 % to deliver the build with above 95% accuracy in every release with very strict deadlines.

# Solution Background & Engagement Details- The Outcome

Our manual testing solution was given the confidence to the client where it had functional, efforts and accuracy.

In earlier stages, it was a bit tricky to work on the project and challenging as well to understand the complete flow of ABCC business process. On later stages, once the team gathered the requirements and understood the product, the test execution approach gets better. So, the execution time decreased.

Our solution has gained client confidence and strengthen the relations between us and made client to give more work over a longer period of time.

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