

# BBD VIEW

# AUTOMATED TESTING



By Prasad Bhogi, BBD Test Analyst

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## SHOOTING THE LIGHTS OUT AT **VODACOM** THROUGH AUTOMATED TESTING

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**B**BD's success in the automated testing space at Vodacom is a point of pride, as a system was implemented to bring reporting time down from five days to a few hours.

We have been moving Vodacom's testing from manual to automated, using my automation experience, I saw the opportunity to make a truly effective change for Vodacom, by radically cutting down on reporting time.

This was a new service that BBD was providing, with the team involved starting off a zero-base and having to understand the necessary requirements as they emerged, and the business behind what they were implementing. It was a complicated cycle of acquiring the knowledge and then implementing it.

In terms of developing a working automation system, the first step was to not only understand the product and the product language, but also what level of testing was required by the client. As BBD had to build a framework from scratch, the team had to understand how the solution could be tested based on the tool they wanted to use. Once this initial hybrid framework was in place, the Vodacom team could then add in their requirements and the test team could accommodate these through a new Page Object Model (POM) framework. This

process - of having to develop, receive requirements and implement - was one of our main hurdles throughout the process, but one we more than overcame. Despite the learning process being undertaken by both BBD and Vodacom, they maintained an excellent working relationships, so much so that Vodacom has requested the team work on other new projects now that the testing is stable.

Carla Vermeulen, a BBD tester who worked on Vodacom in the early phase said that the reason automation was especially successful for Vodacom was because of the site stability.

**“Automation allows for increased work speed, faster defect finding, regression prevention and the ability to free up team resources. BBD is excited at the possibility to roll automation out to other clients, and are proud of the Vodacom team's triumph with automation.”**

I enjoy diving into solutions and finding the loopholes, solutions and gaps. Automation is the right carrier for me because it allows me the opportunity to improve myself and what I've done. It keeps me interested. I'm continuing my career in testing as I have the opportunity to continually grow and improve, with BBD providing me with the time and space to build my carrier and showcase my abilities.

### About Prasad Bhogi

A Test Lead for BBD's automation team, Prasad has over 10 years of professional industry experience. He co-ordinates with both the BBD business and testing teams to design and deliver quality products to BBD's clients, driving the test requirements using offsite teams.

### About BBD

A provider of custom software development and application design solutions, BBD's 34 years of technical and developer expertise spans the banking, insurance, telecommunications, education and public sectors. Employing over 700 highly skilled, motivated and experienced IT professionals - BBD is South Africa's largest independent custom software development company.

