



TestingWhiz
Code Less, Test More



Web UI & Functional Test Automation for Continuous Agile Deliveries

Web | Mobile | API | Database

Date: 19th Jan, 2016

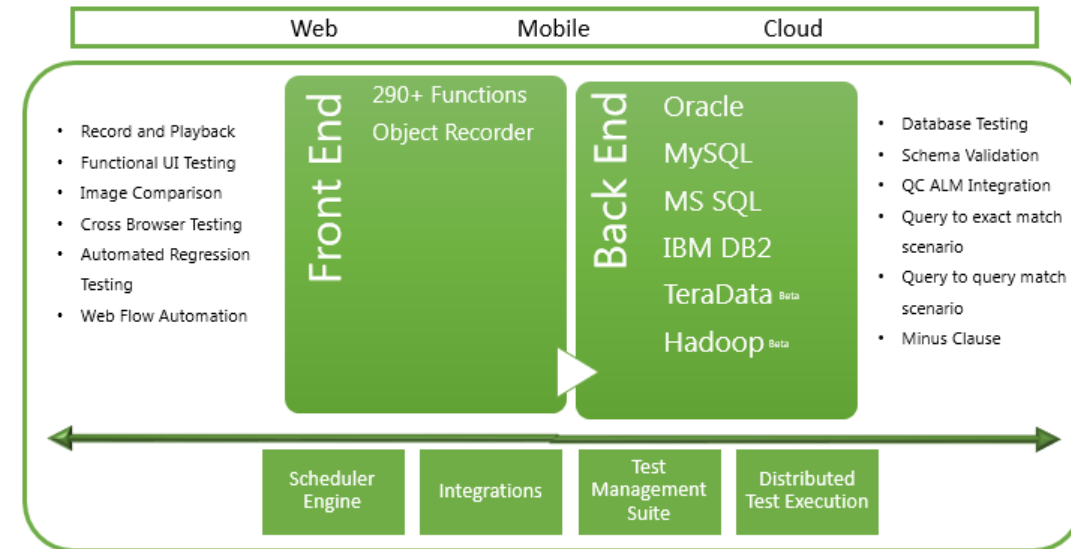
Webinar Presentation by,
Premal Dave,
TestingWhiz

About TestingWhiz

TestingWhiz offers Automated Testing Solutions & Strategy to Enterprises worldwide. With its unique codeless automation solution, TestingWhiz works closely with customers for their quality objectives such as:

- ***Developing the Right Product***
- ***Improving Quality & Reliability of Solutions***
- ***Deliver Applications to Market faster***
- ***Pursuit Innovation***
- ***Save Time & Cost***

TestingWhiz is a TestingWhiz Group product, company incorporated in the year 2000 with CMMi-3 and ISO Certified IT Consulting Practice.



Solutions



Web Test Automation

Allows you to automate Web UI testing to verify the critical functioning of your web applications and deliver efficient and effective web interfaces that meet user expectations.



Automated Mobile Testing

Allows you to execute testing of your native, hybrid and mobile web apps on real mobile devices and simulators with automated mobile testing solution.



Web Services Automated Testing

Helps you perform automated web services testing to verify whether the web services communicate and access information from web as defined with support for SOAP and RESTful web services.



Automated Regression Testing

Helps you perform regression test automation by simply recording the test steps and reusing the same with modifications in the codeless test editor.



Automated Cross-Browser Testing

Helps you perform automated cross-browser testing of your applications with support for multiple browsers such as Internet Explorer, Mozilla Firefox, Google Chrome, Safari and Opera.



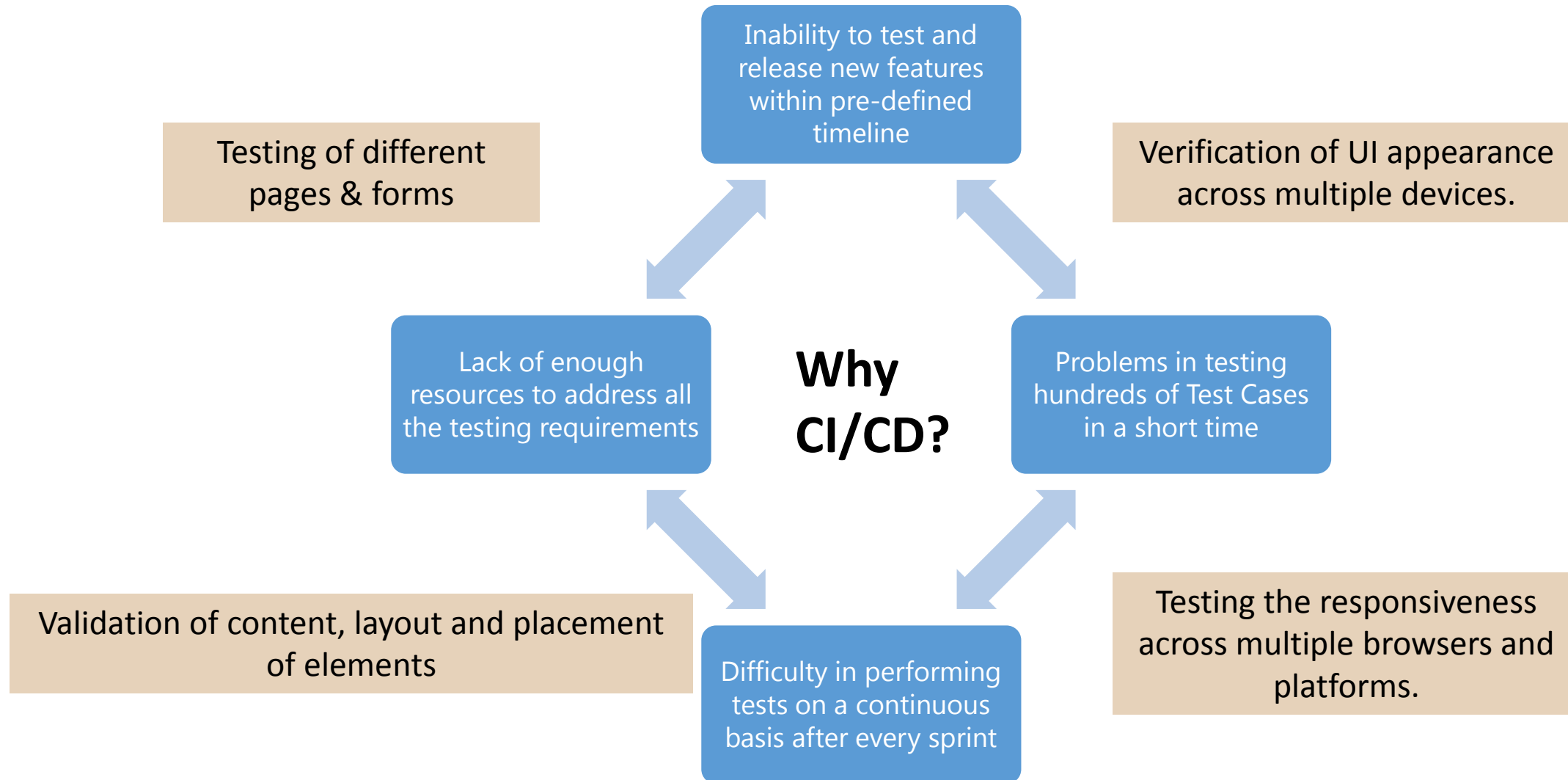
Automated Database Testing

Allows you to test application's database in a number of ways with the support of database test automation, enabling you to test the core of the application and not just the front-end.

Agenda

- How to implement UI & Functional Test Automation to achieve continuous delivery processes for Agile Team
- How to run parallel & distributed tests to speed up the agile deliveries
- How to test application's responsiveness across multiple web and mobile browsers
- How to ensure zero infra testing with Cloud execution
- How to create true Continuous Integration / Continuous Deployment (CI-CD)
- How to create and maintain GUI and functional tests for further reusability

Challenges in Agile Delivery



Why CI & CD?

Daily & Weekly Build Testing

Robust Product Delivery

Reducing Total Cost of Application ownership

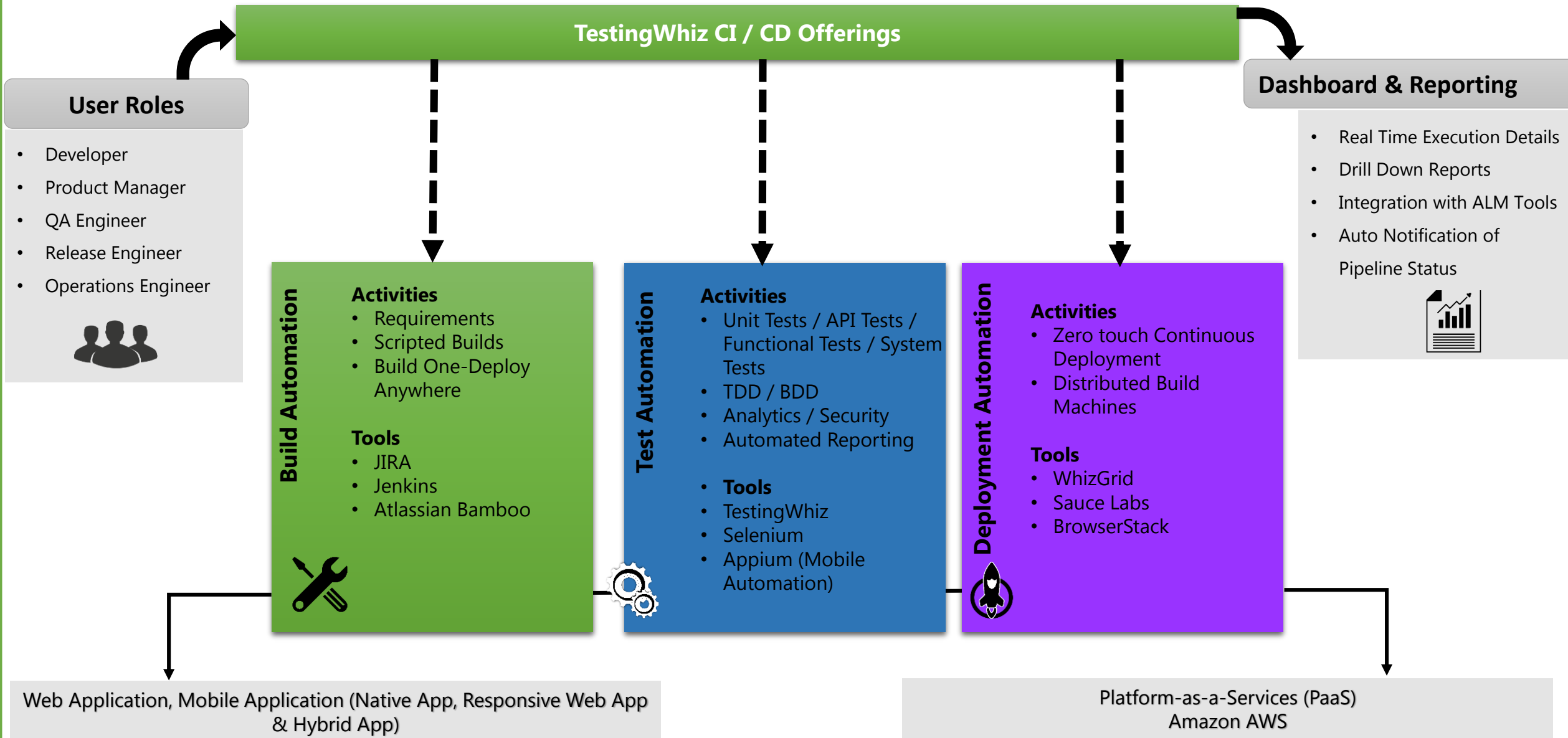
Early Defect Detection

Continuous & Measurable Reports

How TestingWhiz Helps Deliver Apps in Continuous Agile Cycles



- Allows to integrate with **CI & CD Tools** for automated Test Execution:
 - Atlassian Bamboo
 - Jenkins..
- Integration with **Defect Management Systems** for automated defect logging:
 - Atlassian Jira
 - Fogbugz
 - Mantis
- **Cuts down long hours of coding** with **290+** readily available **Test Automation Commands**.
- **Automates test script creation** with intuitive **Record & Playback** feature.
- Helps **identify and report critical defects** before Go-live phase with **integrated bug tracking tools**.
- **Reduces Go-to-Market time** with **distributed and cloud execution**.
- Allows **covering wider testing scope** within a short cycle with smart inbuilt Job Scheduler.

CI-CD Process on TestingWhiz



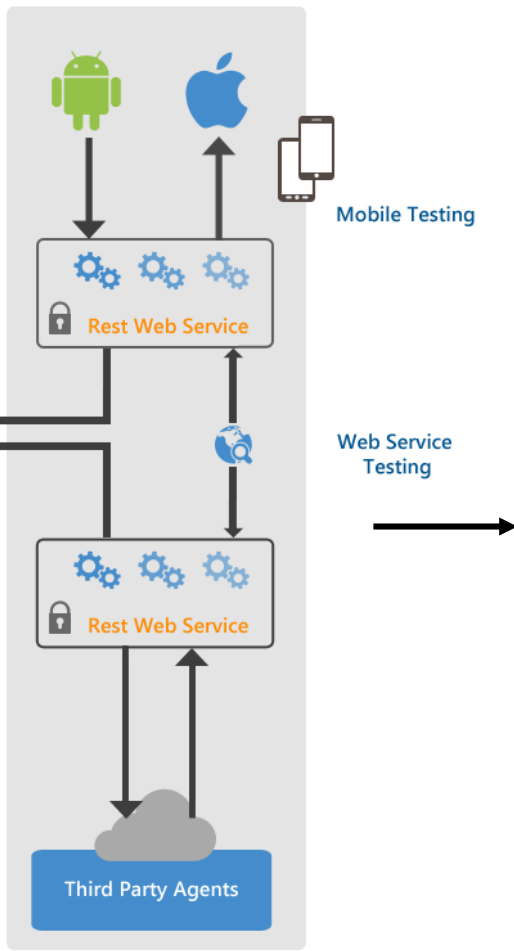
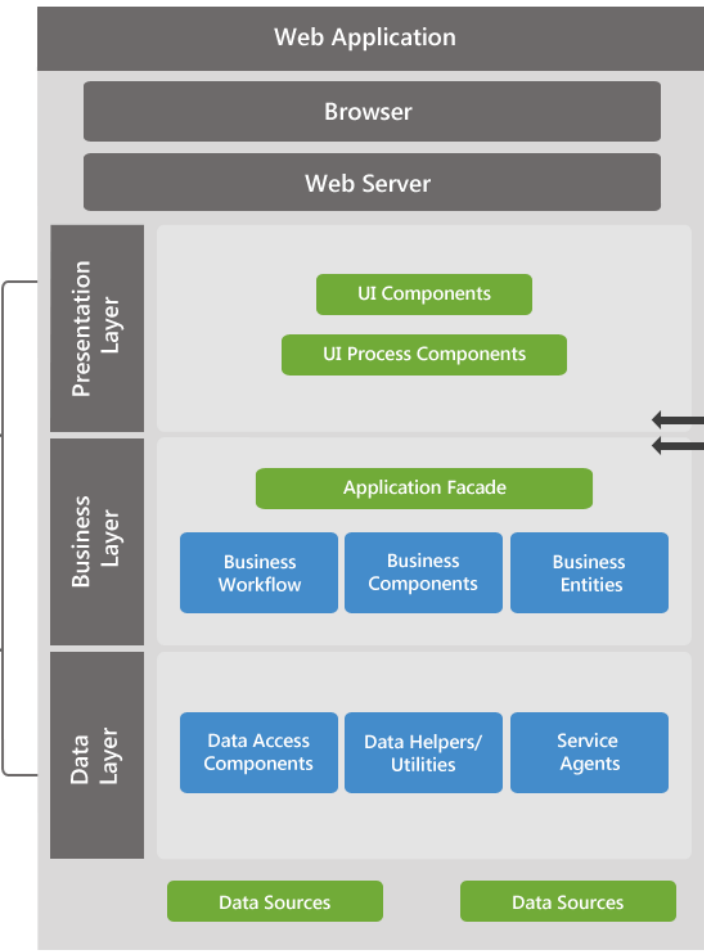
TestingWhiz on Software Layers

Automated Test Scheduling






- Web UI Testing
- Functional Testing
- Cross Browser Testing
- Incremental Integration Testing
- Regression Testing
- Data Validation Testing
- Database Testing

- Black Box Testing
- User Acceptance Testing



Remote Execution



Supported Integrations



Test Management

TestingWhiz integrates with leading Test Management tools to help you manage your test activities and enable you to drive better insights and reports from them to optimize the testing process.

Defect Management

TestingWhiz allows you to submit bugs during the automated testing cycle. Report, track, move and fix bugs enabling your team to keep up with the development process in parallel to continuous integration and regression testing cycles.



Continuous Collaboration

TestingWhiz offers true blue collaboration with Jenkins and Bamboo offering you to kick-off automated tests in a continuous integration with your builds.



Jenkins

Live Demo

Use Case 1	Automation the process of testing functional and UI element
Use Case 2	Execution of parallel & distributed tests using Fork
Use Case 3	Execution of cross-browser testing on Chrome and Android Web Browser
Use Case 4	Cloud test execution on BrowserStack
Use Case 5	Automation on Jenkins to kick-off testing on continuous cycle

Success Stories



Optimizing Regression Automation to 48 hours & speeding Product Releases with CI/CD for Mobile Payments Provider

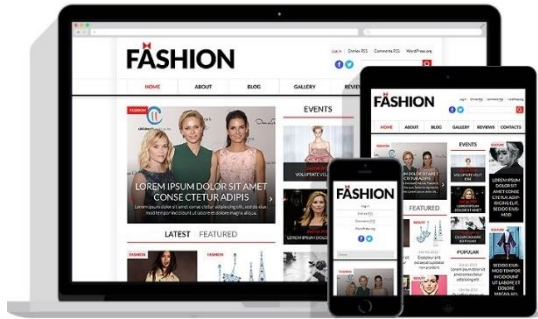
Client: A leading Technology Solutions provider for Telcos, Banks, and Communications Services

- **Performed end-to-end test automation** by implementing CI/CD & Regression Automation.
- **Enhanced productivity** by providing reusable regression scripts **which** allowed the teams to complete the entire test automation cycle of **915 cases** in as little as **48 hours**.
- Automated **915 scripts** for executing on TestingWhiz with reduced the **effort and time** of testing.
- **Saved 94% of time** by expediting process of testing with automated test scripts.

Scope of Automation:

- Validated various functional parameters connected to 40+ pages of the portal
- Validated database, website forms and APIs
- Verified support of the solution on Android & iOS devices

Success Stories

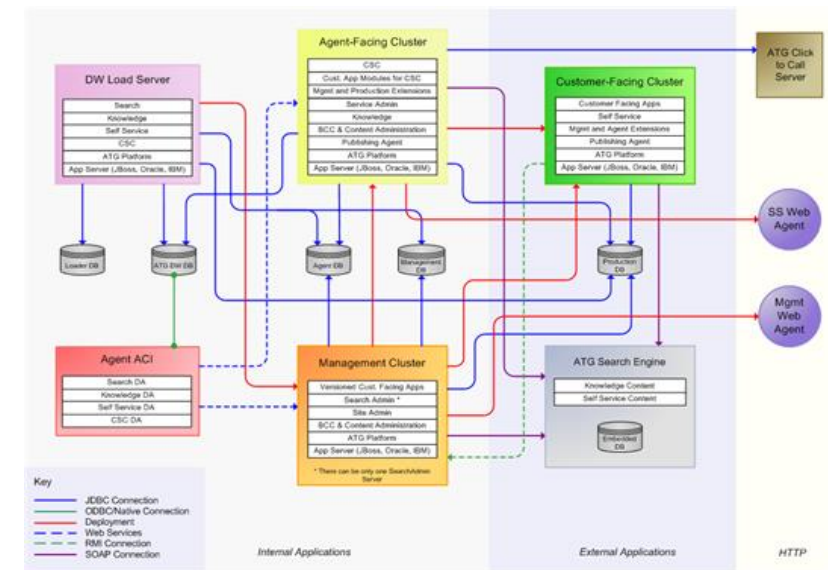


Automating Oracle ATG Web Commerce Framework with support for Web UI & Mobile



Client: A company specializing in **Oracle ATG Web Commerce Solutions** for luxury & high-end retailers.

- With implementation of TestingWhiz for Accelerated automation across different browsers and operating systems.
- Ensured mobile compatibility by testing the front-end across different mobile device browsers.
- Automating multi-transaction front-end and checkout process for Web Store
- Running scripts with continuous integration with Agile Development Team



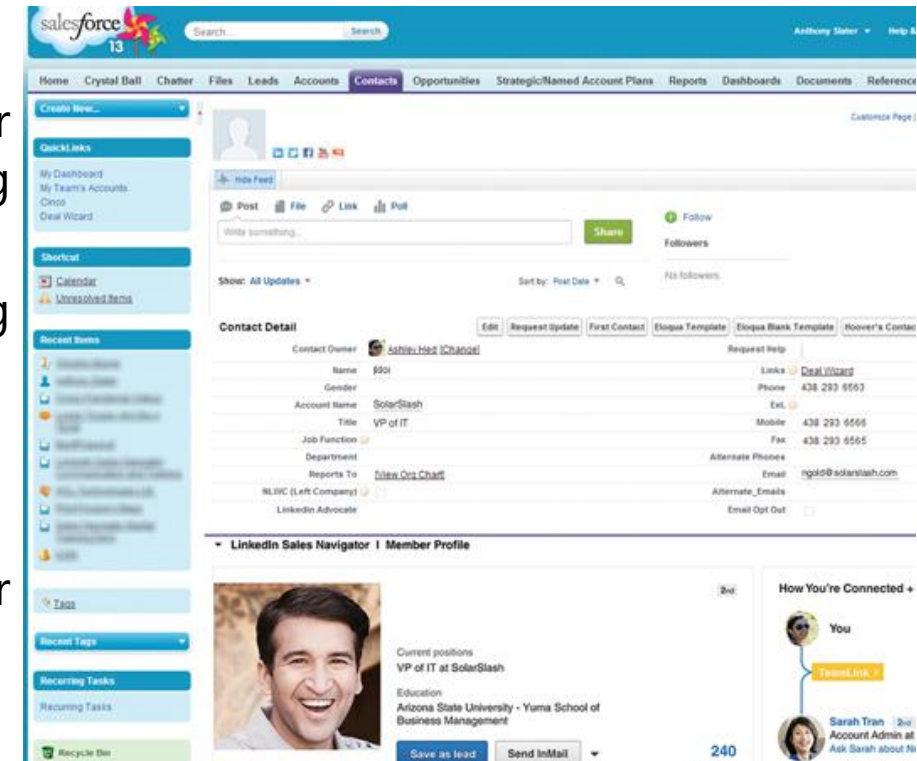
Success Stories



Automated Testing for a Financial Provider for Integration, API & SalesForce Apps Testing

Client: A leading American Bank offering institutional financial solutions provider for veterinary business loans to small, independent business people looking to expand, remodel, refinance and/or acquire an existing practice.

- TestingWhiz implementation done for Automated Testing of their Web assets, Enterprise Application Integration, Backend API Testing and Salesforce apps for sales conversion improvement.
- Automating end to business workflow and validation covering information check on third party applications.
- 68% Savings on Manual Testing Efforts
- 48% Faster end-to-end regression testing
- Dynamic Data-driven scenario testing and new customer onboarding, with client portal application testing.



Q&A?

Contact Us

Thank You

Video Tour

<http://www.testing-whiz.com/VideoTour>

Sample Use Cases

<http://www.testing-whiz.com/sampleusecases>

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