

Enabling faster release cycle with Risk-Based Test approach

Our client is a global fashion retailer offering womenswear, menswear, and clothing for teens across channels including digital (online/mobile app), retail stores located across high street shops, and shopping malls.

Challenge

Our clients' digital channels including an online website, a mobile app, and third-party integration, drive huge business share to the investors. To keep up with the changes and push the latest content, the client uses Agile methodology and integrates multiple teams from various vendors across the globe to design, build their application features.

- » With multiple vendors and teams working across the globe, coordination of the features build was a key challenge.
- » Releasing features across the environment is a critical part to ensure timely production release.
- » Ensuring that the new features do not break the existing functionality and integration was another important aspect to focus on.

Our Approach

Having learned about the clients' challenges, our Test Lead and Test Engineers collaborated with the client's in-house teams and vendors to draft a release process and coordinate the same.

- » A part of this process included test lead taking responsibility for collaborating with development and vendor teams to test a release, build, and deploy the same into upstream systems.
- » We created a test plan for the release and provided thorough information on the open/closed bugs as part of the release.
- » A risk-based test approach was implemented to enable the teams to accelerate the test automation efforts.

Outcome

- » All the new features and bug fixes were tested before release production.
- » This helped in reducing the number of defects found during production and the overall feedback cycle.
- » Test automation ROI and coverage increased due to the risk-based test approach.



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