

HEXAWARE

Mobile App Testing for an Automotive Financial Services Provider

Achieving 99.5% defect detection and
accelerated deployment timelines.

Case study



Client

| Client

Challenge

Solution

Benefits

Summary

The client is a provider of automotive financial services in North America, offering a comprehensive range of vehicle financing plans and payment protection products through an extensive network of participating dealers.

They sought a partner that could implement robust mobile app testing to shorten release cycles.



Challenge

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| **Challenge**

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Frequent upgrades driven by constant changes created a pressing need to enhance the client's mobile app testing process. The client wanted to shorten release cycles while improving testing quality through proven tools and an industry-leading automation strategy.

Major app functionalities, including payment, scheduling, and reminder features across supported mobile platforms, required rigorous validation. After several failed attempts to manage these challenges with their existing vendor, the client decided to choose a new partner. They needed a vendor with proven strengths in formulating automated mobile app testing frameworks.



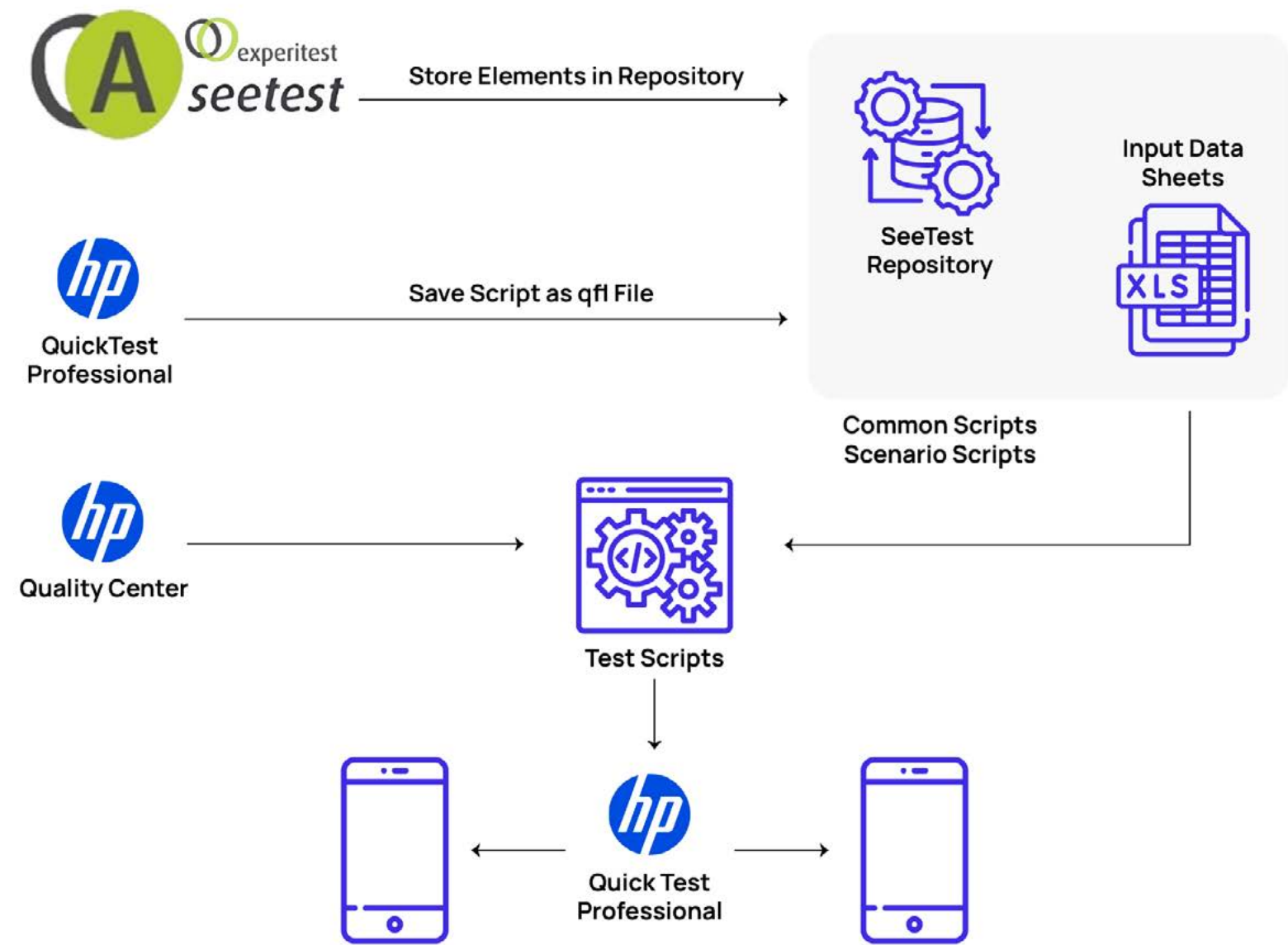
Solution

- Client
- Challenge
- Solution**
- Benefits
- Summary

The client partnered with Hexaware to optimize financial application testing through a comprehensive and scalable strategy. Hexaware kick-started the process by evaluating various mobile test automation tools and frameworks to accelerate release testing.

After evaluation, we:

- Recommended the implementation of a SeeTest Automation and HP Unified Functional Testing (UFT) integrated mobile testing solution.
- Created a reusable regression suite of test scenarios to be used in future test cycles during upgrades and maintenance releases.
- Designed a hybrid framework comprising SeeTest and Quick Test Professional (QTP)/UFT to ensure efficient and sustainable test automation, enabling the reusability of test scripts across common business components.
- Developed and executed functional and regression test cases for critical business processes within the financial application.
- Conducted automated testing to validate the application's data-driven functional behavior, ensuring accuracy and reliability.
- Ensured comprehensive test coverage by structuring the best business process tests to maximize resource efficiency and script reusability.
- Automated the mapping of execution results to test cases, generating framework reports with relevant screenshots for enhanced visibility.



Benefits

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Hexaware's comprehensive financial application testing strategy delivered measurable improvements, driving efficiency, cost savings, and superior quality.

Results:

- **70% automation in regression testing** enabled significantly faster deployments, reducing time-to-market.
- **30% increase in test coverage** enhanced the overall regression testing process, ensuring robust validation of critical functionalities.
- **55% reduction in testing costs** optimized the total cost of testing per test cycle, delivering substantial cost savings.
- **Reusable automation framework** for mobile business solutions eliminated the need for additional investments.
- **99.5% defect detection efficiency pre-user acceptance testing (UAT)** ensured exceptional quality assurance, seamless functionality, and reliability.



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Hexaware helped a leading automotive financial services provider streamline mobile app testing by automating 70% of regression testing and implementing a reusable framework.

This resulted in faster deployments, a 55% reduction in testing costs, and a 99.5% defect detection rate, enhancing both efficiency and quality in financial application testing.



Accelerate Releases with Testing Automation

Email our team at marketing@hexaware.com to learn how Hexaware can modernize your QA with scalable testing, reusable frameworks, and a results-driven automation strategy for lower testing costs and faster releases.

About Hexaware

Hexaware is a global technology and business process services company. Every day, Hexawarians wake up with a singular purpose: to create smiles through great people and technology. With this purpose gaining momentum, we are well on our way to realizing our vision of being the most loved digital transformation partner in the world. We also seek to protect the planet and build a better tomorrow for our customers, employees, partners, investors, and the communities in which we operate.

With offices across the world, we empower enterprises to realize digital transformation at scale and speed by partnering with them to build, transform, run, and optimize their technology and business processes.

Learn more about Hexaware at <https://www.hexaware.com>.

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