

Digital UI and API QE through early engineering proficiency

Among the World's Top 10 banks

38% UAT Defect Detection



Successful launch of cutting-edge mobile application across EMEA and APAC in a record time



Rigorous levels of early engineering validations with a team of SDETS



Orchestration of strong domain knowledge and quality engineering capabilities at scale



CHALLENGE

- ▶ Launch a cutting-edge mobile application for banking and credit card customers, across EMEA and APAC operations
- ▶ Aggressive market launch deadlines, required "speed" in developing and launching the mobile application
- ▶ Internal capacity was focused on other key strategic business priorities for the mobile application launch
- ▶ Needed a QE partner with robust capabilities for accelerating the assurance and deployment of mobile features



SOLUTION

- ▶ A team of SDET's were provisioned for a lean QA cycle strategy, who worked closely with the client stakeholders in the mobile application development stages.
- ▶ Created a dedicated API Sandbox environment to isolate and test UI/UX in the mobile app. and leverage the same to test the functionality as well.
- ▶ Automated test case generator for API tech specs and mobile tech specs, thereby eliminating manual effort for writing cases.
- ▶ Rule based file comparison functionality - was used to compare actual file in the binary against the baselined one on daily basis instead of execute & find.
- ▶ Inline automation – Dev. Test scripts against the requirement putting placeholders for elements/objects
- ▶ Integrate test scripts with application components and push it into CI/CD pipeline for identifying regression issues on deployment.
- ▶ Configured scheduled automated test runs to call out early environment related issues.



RESULTS

- ▶ Thorough levels of Domain led validations and digital QE proficiency was orchestrated
- ▶ 95% QE Automation, with early detection of pitfalls through quality engineering proficiency
 - Reduced the defect leakages across the UAT stages
- ▶ Production efficiency was delivered through automation levers
- ▶ Helped the client in accelerating their mobile application development for a faster time to market



Accelerate your business through continuous quality focus across the transformation journey, with QE solutions that are engineered for speed, and the ability to be delivered at scale.



ABOUT MAVERIC'S QE SERVICES

Maveric Systems are a world-class leader in QE services for the banking domain. For over two decades now, Maveric has partnered on 60+ major banking transformations. Our core promise of continuous quality is brought alive via Digital-age QE solutions, and cutting-edge test approach that is engineered for speed and geared to bring QE at scale. We foster a culture of "95% QE automation", through our tools, accelerators and matured frameworks, which are engineered with cognitive computing and predictive analytics for intelligent automation. To learn more about our QE business,

Please visit <https://maveric-systems.com/services/quality-engineering/quality-engineering-services>



www.maveric-systems.com

Email us at marketing@maveric-systems.com

Maveric Systems Limited

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