



Pleasant Grove, UT, USA-based company provides the world's first banking system that allows users to control spending, eliminate debt, and create a healthy financial environment just by using the app.

Digital cash envelope banking and budgeting app. Our patented mobile banking system makes budgeting effortless.

Engagement Overview

Crownstack engaged with Qube Money in 2024 as their Staff Augmentation Partner to offer its testing and quality assurance services to ensure a better user experience for end users and increase feature release velocity by ensuring all quality-related checks are done on time.

About the Customer

Qube Money, established in 2016, offers a unique technology that allows users to allocate money across different budget categories and spend purposefully. In real time, users can load a debit card with funds from a selected budget category. As a comprehensive mobile banking solution, the Qube Money digital budgeting app brings the highly effective cash envelope budgeting method into the digital age. Qube Money is the only app and debit card combination on the market that effectively utilises the principles of cash envelope budgeting within a real-time digital platform, complete with built-in proactive spending controls.



Industry	Financial Services
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Business Challenges

- Qube Money faced a significant challenge in ensuring that its application functions smoothly and reliably in various environments, avoiding disruptions and maintaining customer trust.
- The application should meet user expectations and provide a positive, intuitive experience.
- Qube Money wants to ensure the application's security, prevent potential breaches, and protect sensitive data from cyber threats.

Business Solution

Our quality assurance team worked with Qube Money’s engineering team in unison to set up a manual and an automated test suite.

- In Phase 1: we created a detailed manual test plan and thoroughly documented all test cases to cover the application's key features and workflows. This ensured we captured every critical aspect of the product, setting a solid foundation for the testing process.
- In Phase 2: To increase the efficiency and coverage of our testing, we implemented an automated test suite using Playwright and JavaScript. This allowed us to speed up the testing process and ensure that more aspects of the product were being tested consistently.
- In Phase 3: Next, we focused on ensuring the stability and reliability of the Qube Money mobile application across various Android devices. To do this, we set up an automated test suite using Appium and Java, making it easier to detect issues and verify the app’s performance on various devices.
- In Phase 4: We extended our automation efforts to the iOS platform, setting up an automated test suite with Appium and Java to ensure that the Qube Money mobile application performed reliably across different iOS devices. This helped us maintain consistent quality on both major mobile platforms.

Technology Stack

Manual Testing	Google Sheet, Fiddler
Automation Testing	Playwright, JavaScript, Appium, Java
Workflow	Jira, Slack, GitHub

Business Outcome

- With a well-documented test plan and automated testing, the application became more stable, with fewer defects reaching production. This led to a significant improvement in the overall user experience and the application's reliability.
- Rigorous testing across web and mobile platforms ensured a seamless, bug-free experience, leading to higher user satisfaction and retention.
- Tightly integrated engineering and QA teams while working in remote and agile environments
- Test reports are being generated to show the overall health of the system.

Further Links

[Learn More About Crownstack’s Offerings](#)

[Learn More about Qube Money](#)