

CASE STUDY

Cadillac Fairview Automation Solution

Cadillac Fairview wanted to increase coverage of existing manual test cases by supplementing them with automation. This would allow their manual testing resources to focus on new feature testing, complex testing scenarios, and specific cases of the regression suite that automation would not be handling.



AT A GLANCE

- Cadillac Fairview chose QA Consultants to identify an automation solution for their flagship mobile app, LiVE by CF.
- The application's regression suite was taking too long to execute, and new features being added overwhelmed their manual resources.



THE CHALLENGE

The manual testing team was having difficulty testing new features and executing the regression suite concurrently. It was a challenge to test on real devices in order to closely mock production and real user interactions, while recording every session. Previous reports were not centralized and were difficult to locate.



THE SOLUTION

A set of hardware and software were specifically tailored to Cadillac Fairview's automation needs. This consisted of a partial cloud-based solution with a miniature mobile testing lab. Another cloud-based component became the primary form of communication for the testing team.



OUR DELIVERABLES

Custom hardware setup

Custom software setup

Custom framework design and implementation

Ongoing scripting and remediation support



THE RESULTS

Over 50% of the manual scenarios were identified to be fully automated based on scope.

93%

The automation delivered a time savings of approx. 93%.

The automation framework was able to closely mimic the human focused end user testing requirements and allow for massive time savings of the regression suite.