



Powered by Passion



CASESTUDY

Automate Regression suite for iOS & Android mobile application using Appium for IoT devices

About the company

US based leading global provider of the software platforms, cloud, systems and unified access services for home-based IoT devices.

Business Goals

- To automate regression suite using mobile automation tool to support both Android & iOS
- Test cases that can be executed in both Android & iOS latest versions

How Zuci helped

- Developed Test Automation Framework using BDD and Appium tool
- Developed Test Automation script to support iOS and Android.
- Developed IoT, home based automation devices that is WIFI enabled that can be connected via router and controlled anywhere and to enable seamless user experience on both Android/iOS mobile application

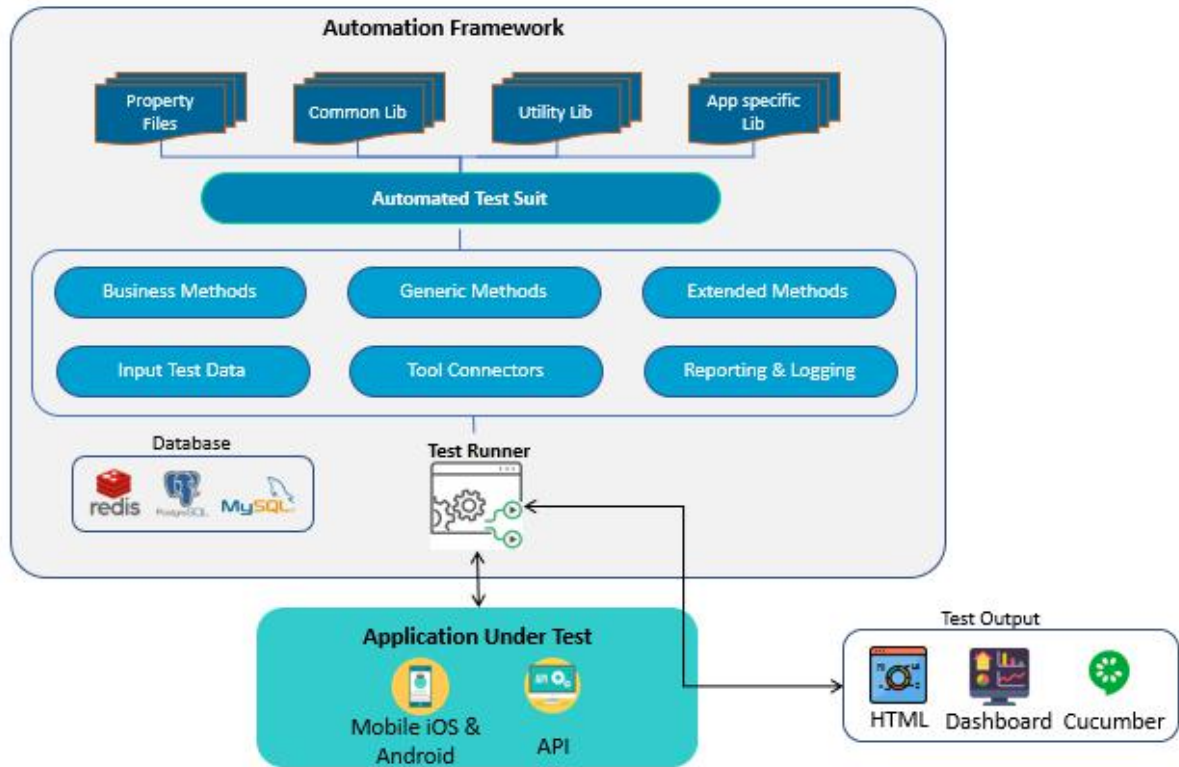
Challenges

- Automating application involving mobile (Android & iOS)
- Applications involving interactions outside native components (Via web)
- Handling API actions and validating response on the native apps
- Single framework to handle Test Automation across platforms

Solutions

We had one solution, [EPIQ](#) which solved all the above challenges. Zuci's EPIQ is a framework which handles

- Mobile web
- Mobile native apps
- APIs



Outcome

- Reduced Test Automation development effort by 50% with help of Zuci's EPIQ and single code base approach
- Increased test execution by 80%
- Negligible script maintenance



“For Zuci, it is one of the initial implementations using EPIQUE for IoT products, glad that we were able to help the customer from a platform, coverage and goal perspective”

- Sujatha Sugumaran, Head of Quality Engineering

Tech Stack



About Zuci

We are revolutionizing the way software platforms are engineered with the help of patented AI and deep learning models. Driven by our competency in delivering superior customer experience, business efficiency, and actionable insights we have evolved to developing cutting-edge technology with a nimble and collaborative approach.



+1(331) 903 5007



sales@zucisystems.com



Chicago, US