

# Test Automation for a Healthcare transformation company



## Client Overview

- Healthcare transformation company that improves provider financial control and reduces supply chain costs; Supply chain automation and optimization solutions

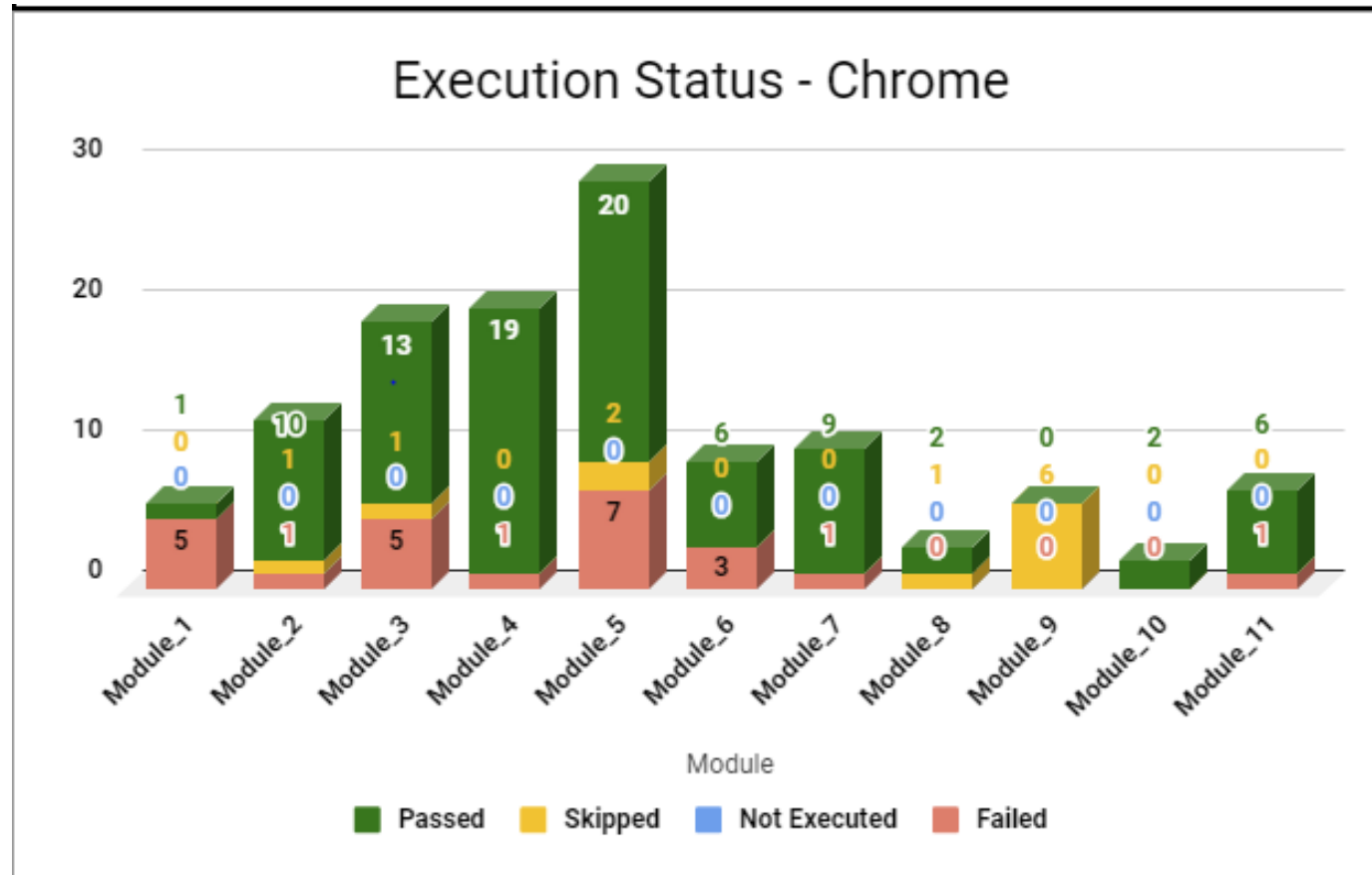
## Business Requirements

- Client's solution suite provides 4 products in the supply chain based use cases. Products are bundled/customized based on customer requirements
- Manual and Test Automation to be performed for every Customized product for different clients
- Derive requirements from Test Checklist and build Automation scenarios

## Our Solutions

- Converted the Test Checklist to Test Cases and Test Scripts for Automation Suite
- To optimize the Test Case/Scenario building for different customers with combinations of similar functionality, we built a Single Code Base that caters to n functional changes for different requirement (combinations)
- Created Test cases for standard Functionality/Databases that represent a majority of the customers
- Performed Automation regression tests
- Built Application configuration requirement sheet that would represent similar functionality with probable different field names.
- Created Test case plan and test case preparation for new features that are generated due to each new customer requirement
- Performed Compatibility Testing for multiple browsers – IE and Chrome browsers in Windows OS

# Sample Report





## Tools

- Java, Selenium Web Driver, Eclipse

## Engagement

- **Team Size:** 3  
**Duration:** 3 months



## Business Impact

- Provided a scalable solution – Single code base for handling any number of functional customizations
- Derived optimized test case break up for manual and automation scenarios
- A typical customization of client requirement would be 80 (reusable tests) with different field names and 20 (brand new features). We identified the potential fields that would appear in different conventions (holding the same functionality) – reducing test effort by nearly 80%



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