DevRabbit
Smart IT Delivered

Unit test Automation

Client Situation

- Customer experienced pieces of code issues with its development team

- Unit test was not properly done by Dev team because of timelines.

- While executing the scripts faced bugs due to inappropriate unit testing

- Due to small unit test defects project delivery is taking time.

- Increased cost of bug fix because of later identification of bugs like during the later stages of development, during system testing or acceptance testing,

Overview

The Client is a US-based, develops cloud-based platform with machine learning and artificial intelligence for automotive retail industry.

Business Need

- To have Unit testing suite

- Early stage identification of code defects

- Consistent refactoring of code

- To prevent defect leakages to ensure world-class quality product

Recommended Solution

- DevRabbit built a solution with Jasmine and Chai frameworks.
- These are the most popular frameworks in Java script realm.
- This solution integrated with CI/CD.
- After running of the code, Jenkins will generate reports that provide solutions

Results

- Safe refactoring of code
- Improves quality of code because of early identification of defects.
- Produce reports that include an executive summary that lists the code defects and provides detailed findings that include precise code based solutions and fixes
- Reduced cost of bug fixing and on time delivery of project

Technologies

- Jasmine • Mocha • Chai

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