

# SpeckyFox

“We Transform Your Vision Into Reality”

## Corporate Profile

# About SpeckyFox

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# Our Positioning

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## Client Focus:

Commitment to customer service  
Understanding of industry processes,  
trends and best practices

## Finance:

Billing transparency T&M,  
Fixed Bid, Agile Contracts

## Team:

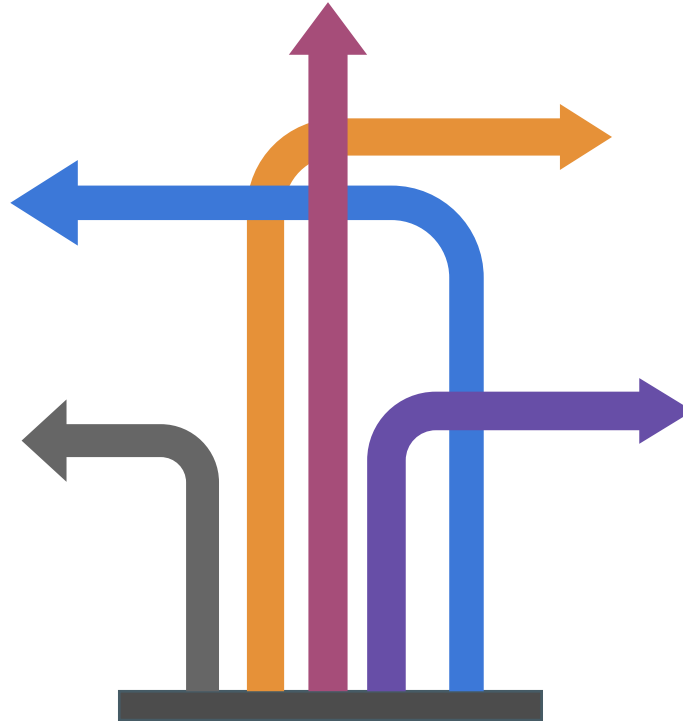
Team is asset. High performers  
with best talents. Flexibility to work  
with US/EU Cultural affinity

## Technical Excellence:

QA and Test Professionals  
Experienced developers and architects  
Robust processes

## Culture:

Highly agile model. Research oriented  
mindset without impacting delivery  
schedule and quality



## Our Services

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### Development

- ❖ Development of web based applications
- ❖ Mobility
- ❖ Open Source Technologies
- ❖ Fixed Price/T&M/Staff Augmentation or Offshore model



### QA & Testing

- ❖ Manual and Functional Automation
- ❖ Load and Performance Testing
- ❖ Database Testing
- ❖ Security Testing
- ❖ API and whitebox testing
- ❖ QA Consulting



### Consulting

- ❖ Agile and Development Processes
- ❖ QA Consulting
- ❖ Requirements Analysis
- ❖ Business Analysis



### UI UX Design

- ❖ Mobile interfaces and web development
- ❖ UI Standards follow up
- ❖ User Design

# Our Expertise

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## Web Development



- ❖ Development of static and Dynamic web applications
- ❖ CMS Development
- ❖ LMS Development
- ❖ Open Source Technologies

## Mobile Development



- ❖ Mobile interfaces and web development
- ❖ UI Standards follow up
- ❖ User Design

## Consulting



- ❖ Agile and Development Processes
- ❖ QA Consulting
- ❖ Requirements Analysis
- ❖ Business Analysis

## Performance Testing



- ❖ Expertise in identifying the bottleneck
- ❖ Infrastructure Testing
- ❖ Suggestion for the application performance improvement
- ❖ Continuous performance improvement

## Automation Testing



- ❖ Framework Designing
- ❖ Open Source stack (Selenium/Appium)
- ❖ End to End Automation with CI Integration
- ❖ Continuous Testing

## DevOps / TestOps

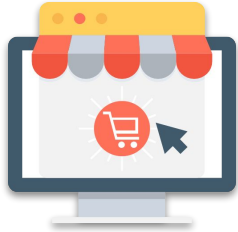


- ❖ CI/CD Pipeline
- ❖ Automatic application deployment
- ❖ AWS Services
- ❖ Expertise in Docker, Ansible, Chef

# Domain

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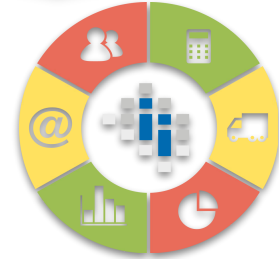
E-Commerce



E-Learning



ERP



Social Media

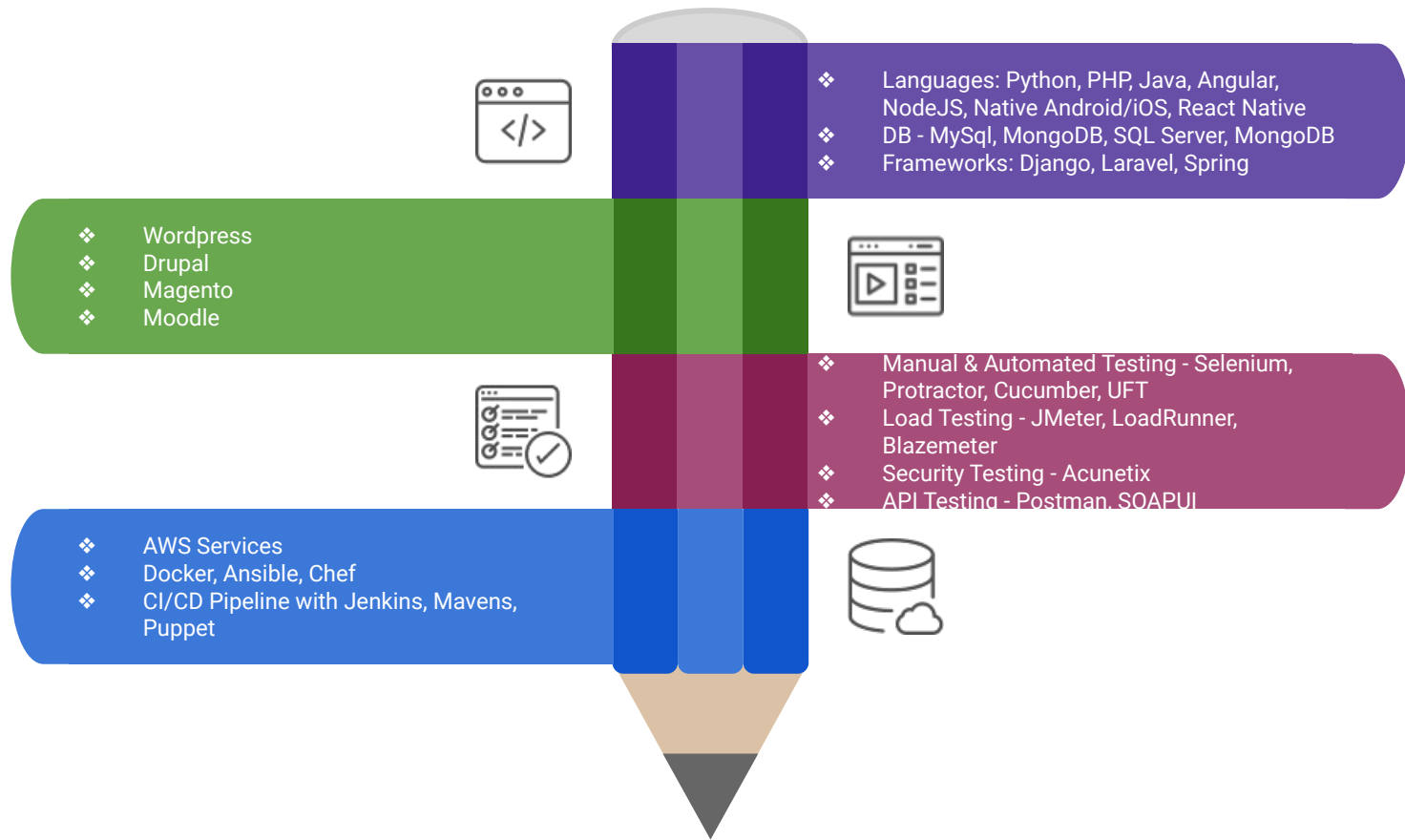


Energy

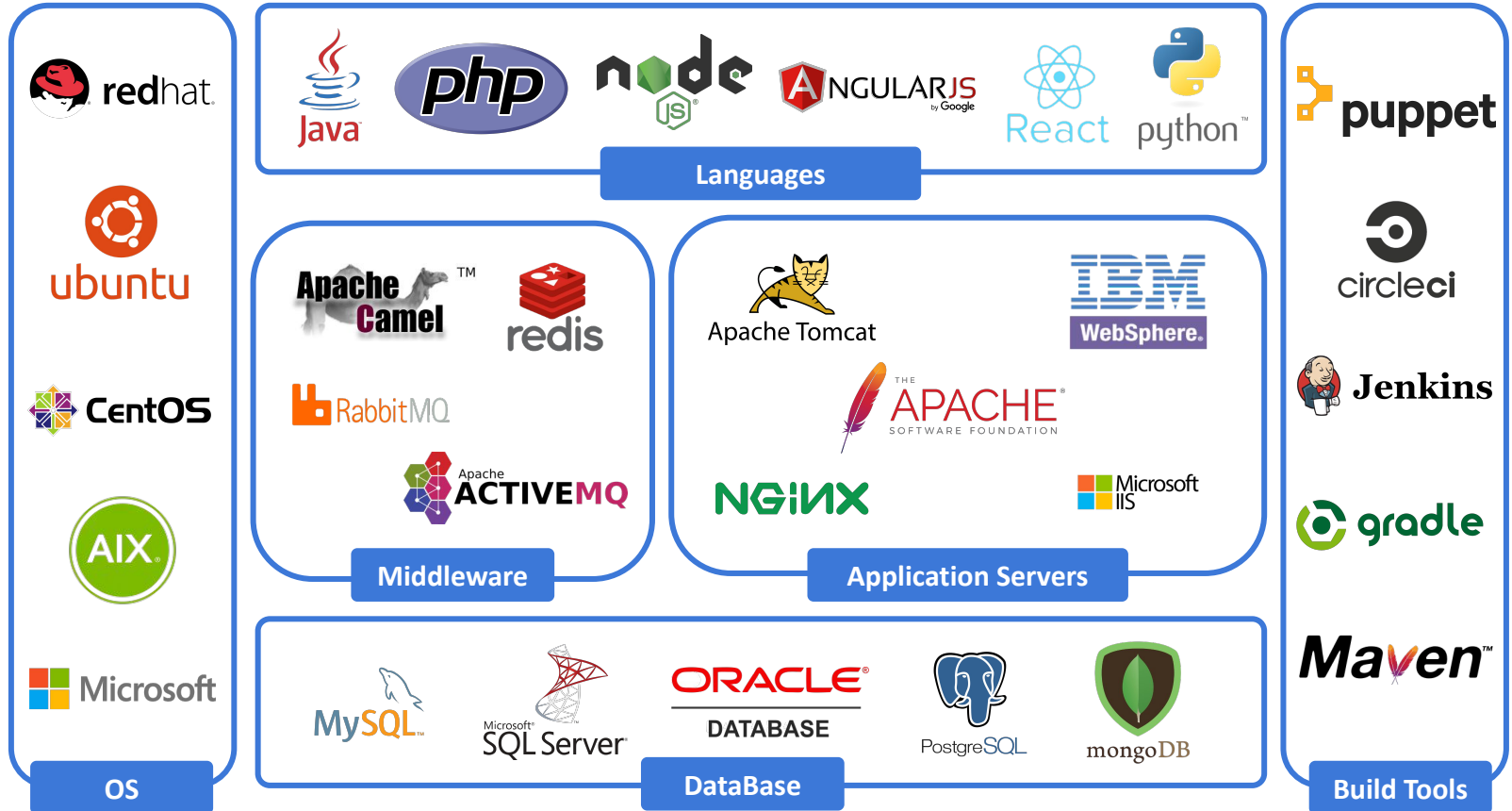


# Employees Skill Set

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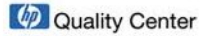


# Development Technologies/Tools We Have Expertise In





# Testing Technologies/Tools We Have Expertise In



Management  
Tools



Automation Testing



API Testing



Performance Testing



Security  
Testing



Build Tools

# Case Studies

# Oracle EBS – Functional, Load and Automation Testing

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## Client Introduction

A Fortune 500 and one of the world's largest manufacturing companies (world number one in overhead cranes manufacturing) that operates in five business segments. Aerial Work Platforms, Construction, Cranes, Material Handling & Port Solutions and Materials Processing.

The company manufactures a broad range of equipment serving customers in various industries, including the construction, infrastructure, manufacturing, shipping, transportation, refining, energy, utility, quarrying and mining industries.

## Business Challenge

An audit of recent Oracle EBS QA projects revealed inefficiencies in the QA process and Testing coverage. Four action items were identified as priority to support process improvement through a beta-test pilot project:

- Employ a risk-based approach in test planning and management, and implement a V-model approach for execution.
- Reverse engineer the load model to simulate production like load environment
- Use of automation and performance monitoring tools to expedite testing and find performance bottlenecks
- Document and improve the knowledge base of heavily customized Oracle EBS

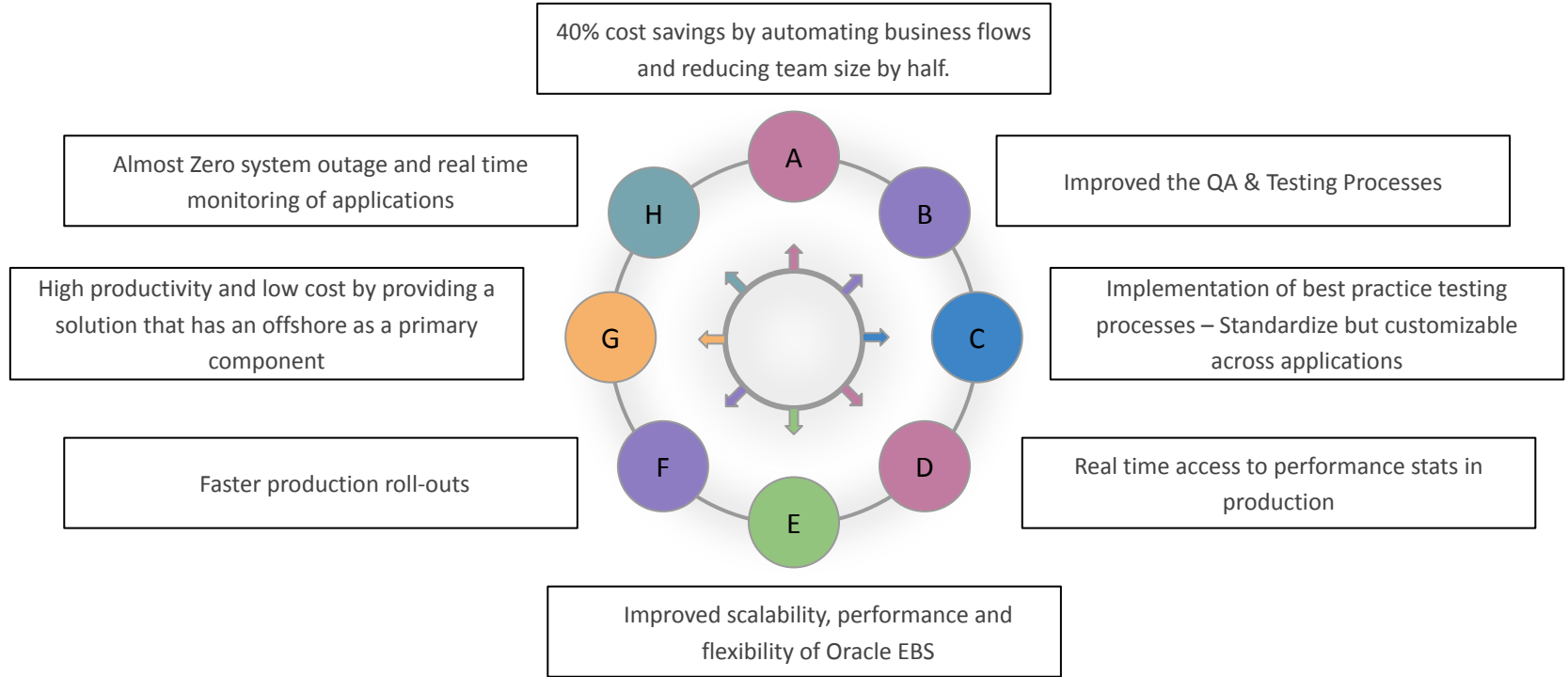
## SpeckyFox Solution

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- SpeckyFox deployed 4 techno functional consultants ( Oracle EBS ) and studied the Complex Application for 6 weeks
- 6 week KT (mix of onshore and offshore) to ensure quick product learning. Reverse KT process after every week followed
- Worked closely with stakeholders to identify EBS areas that were mission critical for business
- Automated ( Regression and Load Scripts ) the critical but stable parts of the complex EBS and created a RBT Matrix
- Worked with Oracle Hosting Team and Support Teams to create a workload model to identify the actual user load. This did not exist before and reduced the dependency on expensive tools like HP
- Created Real time monitoring scripts to alert business in any critical business failed
- Identified cost saving areas like Web and Mobile applications within the organization that could be automated using Open Source tools hence saving costs
- Quick Ramp and Ramp Down that allowed just-in-time QA providing cost effective solutions
- Provided continuous support to ongoing maintenance and new release by regularly monitoring the performance and functionality of the ERP

# Benefits

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# Logistic and Revenue Collection Mobile Apps

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**Client::** India's No.1 home and institutional hygiene company that's delighting customers with its advanced pest control, home cleaning, bird management, air purifiers and product solutions.

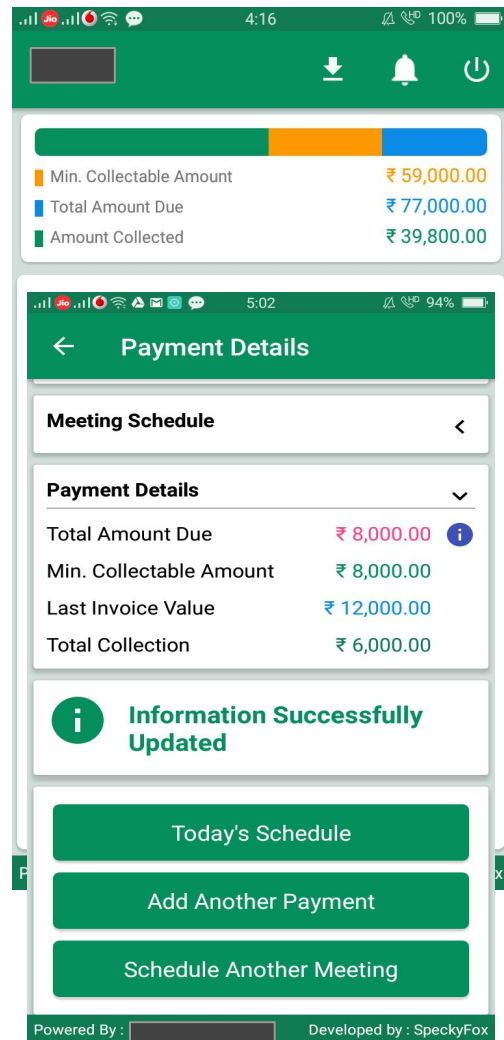
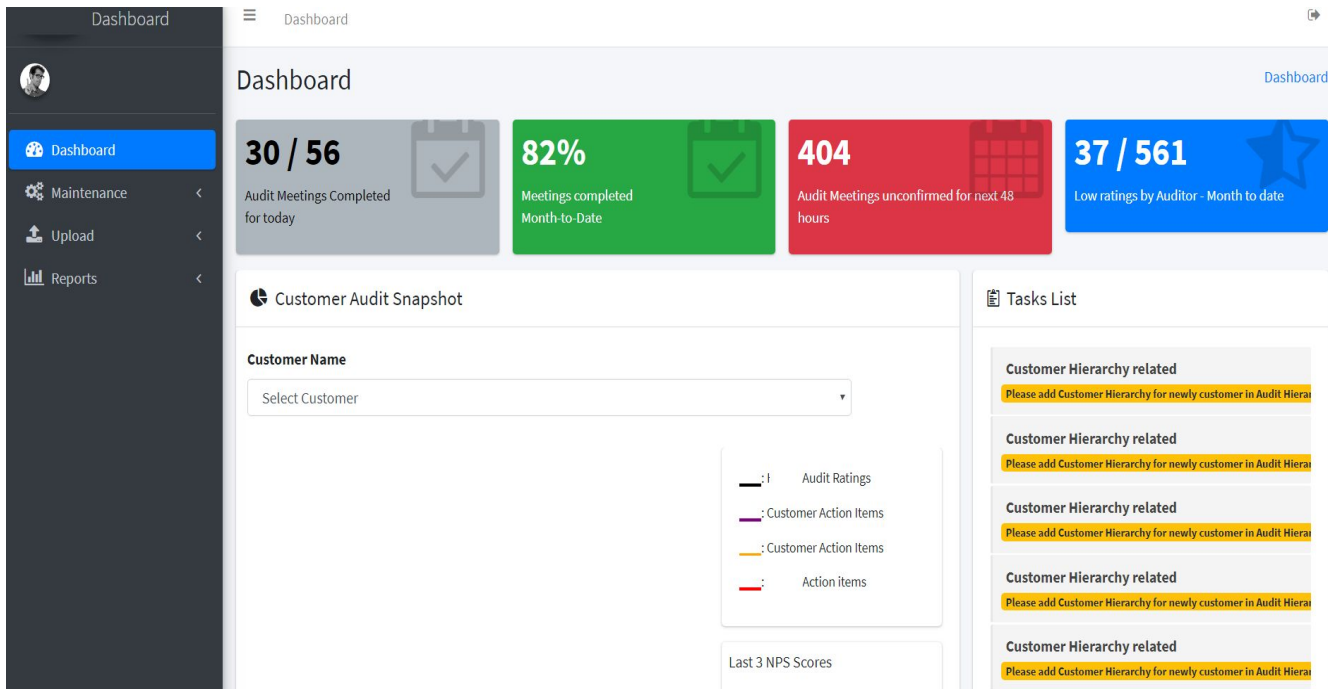
**Problem Statement::** Customer was facing issues to track the revenue collection done by the ground staff people. Also monitor and tracking of the cleaning with the feedbacks.

**Solution::** Created Mobile apps for tracking the logistic as well as the Revenue of the system. Integrated it with customer feedback, to authenticate the customer service. Tracking of logistic people with their location.

Web Interface (CMS/Admin) for maintaining and tracking the live status

Daily reporting of collection, highlighting the any ambiguity in the system. Notifying the hierarchy in case of escalation.

Automatic meeting scheduling with customer, informing the customer about and taking the confirmation for availability



# Mobile App Testing

## Business Need :

- Frequent code changes and less testing were the causes of functionality breaks in production
- Mobile app had to be compatible with several mobile devices and OSes (Android/iOS)
- No automation means No quick turnaround
- It was difficult to upgrade the builds manually on several mobile devices and then start test execution

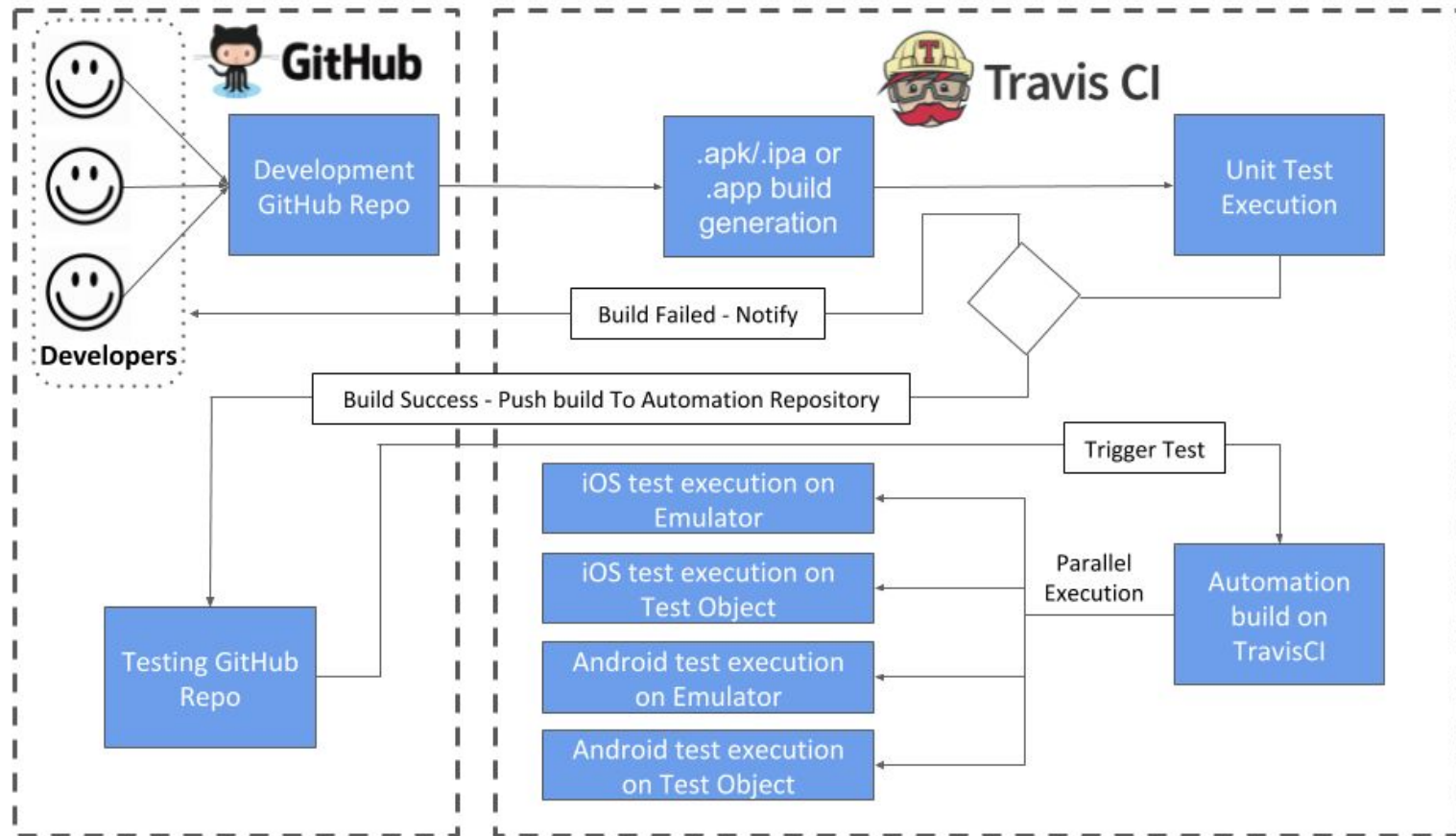
## Solution:

- Automatic build process of apk/ipa files with each code change
- Pushing the build on TestFlight
- Pushing the build automatically on different devices/emulators through Travis CI and Test Object
- Automatic Test Execution on real devices through AWS mobile platform
- Parallel test execution at the same time
  - Multiple thread approach Vs synchronous
- End to end solution



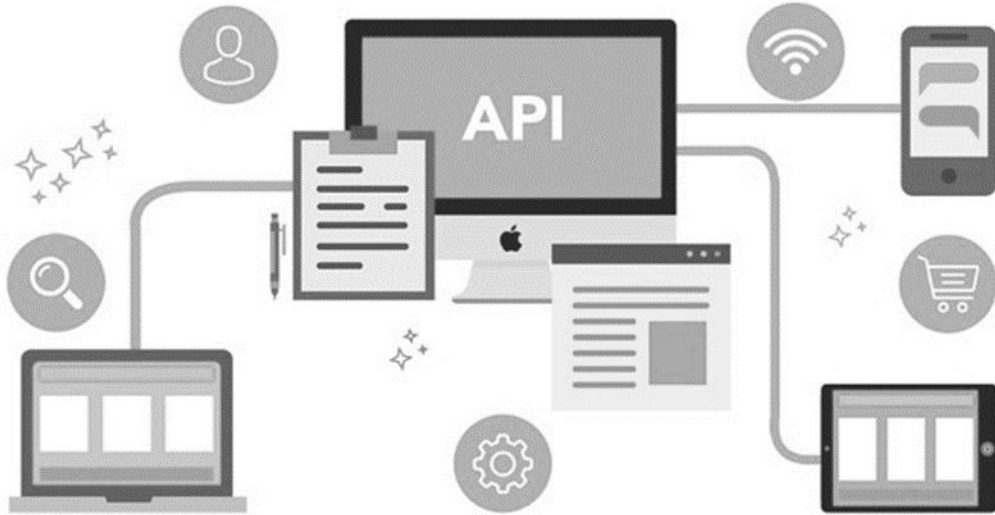


## End to End Automation Setup



# API Testing

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- End-to-End Integration Testing of APIs during development
- Use of Jenkins and Groovy scripting
- Automated Functional Testing of APIs with Soap UI Pro and JMeter
- Automated Build and Test in Development and QA environments
- HTML reporting with test execution status



**Jenkins**

# Contact

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