

# Customer Name: Restaurant Franchise Company from US

Area of Engagement:

DevOps

Geo:

USA

**About the customer-** An American restaurant franchise company. It is large take-out and pizza delivery restaurant chain.

## Engagement Background

HCL is currently standardizing the ways of working, tools consolidation & developing self service capabilities for CI & CD Implementation. HCL has implemented the ALMSmart framework as part of DevOps Implementation. Currently DevOps Implementation is in progress.

## Business Challenges

- No standard ways of working
- Separate tools for on premise & cloud servers
- Inconsistent and incomplete reporting
- Manual SDLC processes

## Engagement Model/Size

Onsite DevOps Architect and offshore DevOps consultants.

Duration –

Team size: 2 Onsite / 4 Offshore

Cost model: T&M

## Solution

- Applied ALMSmart Framework best practices
- Agile implementation and tools alignment to meet PJI specific requirement for tracking, monitoring & reporting
- One click deployment – Automated end to end CI & CD process with promotion capabilities.
- Common tools for on premise & cloud – Consolidated the tools to have one set for both on premise and cloud instances
- Self Service capabilities - Provided the self service capabilities for teams to setup the end to end CI and CD pipelines by providing the appropriate templates

## Volume / numbers if any

N/A

## Benefits to Customer

- Fully automated DevOps pipeline to perform zero touch deployment
- Streamline & Automate Deployment process.
- DevOps process to onboard applications to DevOps platform
- End-to-end traceability & real time visibility of projects status
- Cost Optimization by tools consolidation for both on premise & cloud server

## Measurable outcome

N/A – Since project is in early stage of Implementation.

## Tools and Technology

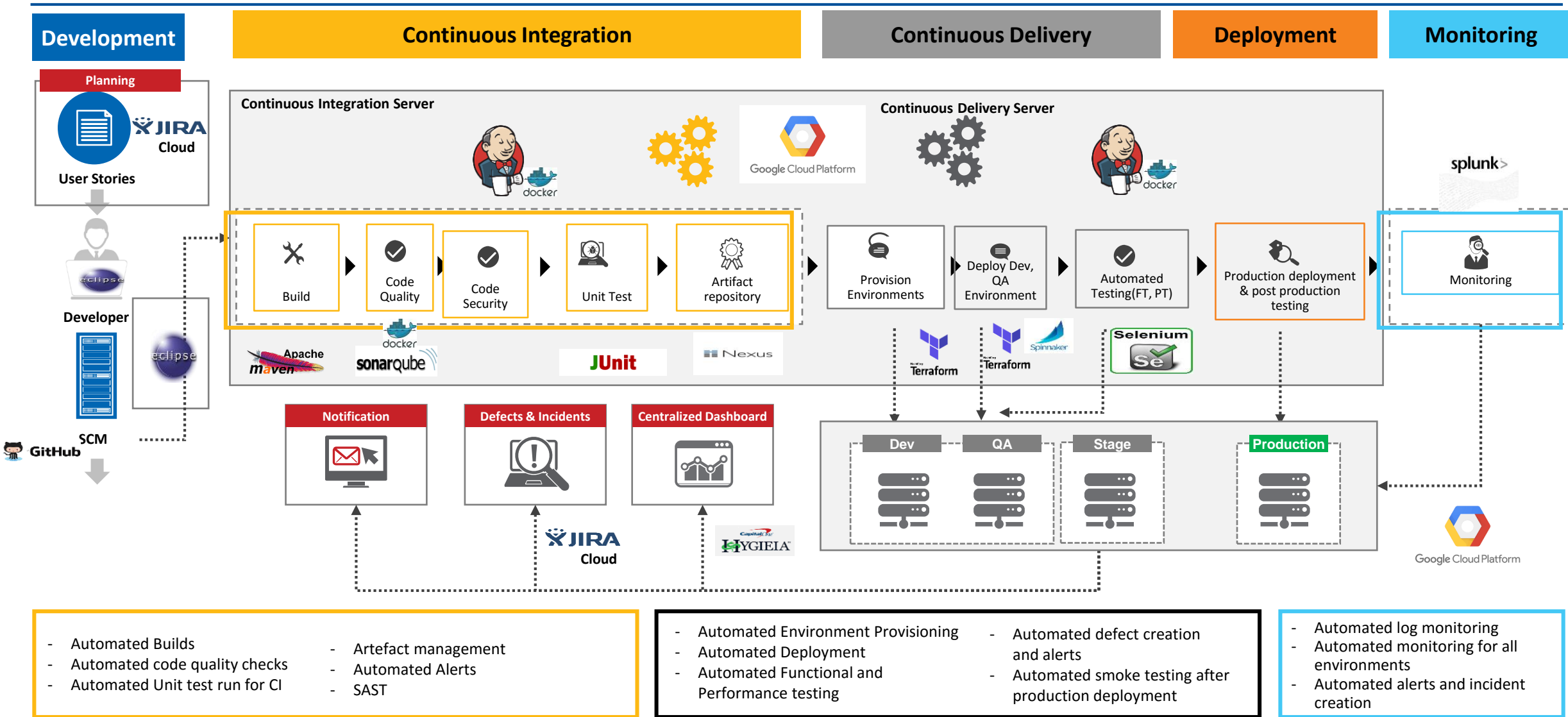
GitHub, Jenkins, SonarQube, Jira Cloud,, Confluence, Nexus, Zephyr for JIRA, Kubernetes, Terraform, Spinnaker

## Project status

Ongoing



# Solution Architecture: DevOps flow and Tools for Papa John's



### Best Practices

- Kubernetes cluster to manage container based Jenkins master and slave nodes.
- Dockerized implementation of SonarQube.
- Ephemeral jenkins slaves implementation instead of static jenkins slaves.