

# How District Taco Overcame Legacy Code Challenges

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| <b>Company</b><br>District Taco | <b>Industry</b><br>Restaurant | <b>Headquarters</b><br>Virginia | <b>Project Start</b><br>2020 |
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## Project Summary

District Taco has over a dozen locations across the East Coast of the United States, with ambitious plans to expand across the country and franchise their brand. To support their aggressive growth, X-Team helped District Taco build reliable, enterprise-grade systems that were extensible and could be customized.

## Client

District Taco is a restaurant chain that serves fresh, healthy, and customizable Mexican food, Yucatan style. Founded by Mexican immigrant Osiris Hoil and his neighbor Marc Wallace in 2009, District Taco started as a food cart in Rosslyn, Virginia.

## Challenge

District Taco developed their own iOS/Android ordering app. They built everything in-house for all their internal processes, too, such as onboarding a new employee, launching a merch shop, and processing catering and food orders. But the company became stuck with legacy code that hadn't followed clean code practices and lacked a centralized system. Even the most superficial change, such as setting up a new employee in the system, could take days.

## Services

X-Team created automation pipelines within Google App Engine and conducted a thorough review of the codebase to identify and optimize essential code components within the legacy infrastructure. X-Teamers transferred salvageable parts of the codebase to GitHub for better version control and created a custom documentation repository on GitBook to aid future engineers. The team then developed new back-end APIs with FastAPI to improve the efficiency of writing and deploying code. Finally, X-Teamers moved all back-end technologies to the cloud. They built infrastructure in Kubernetes, organized repositories, and transitioned from GitHub Issues to Jira for better tracking and measurement.

## Results

**Increased Automation to Accelerate Operations**  
X-Team's work on District Taco's technology infrastructure has dramatically improved the company's ability to operate efficiently and respond

rapidly to changes. All key technical metrics moved from days to mere hours, allowing District Taco to adapt more readily to business needs.

### Centralized Code and Documentation

With centralized version control on GitHub and a robust documentation system on GitBook, District Taco's technical foundation is now far more resilient. The challenges of locating and recovering essential code have been eliminated, and future engineers have clear documentation, significantly reducing onboarding time and minimizing the risk of knowledge loss over time.

### Streamlined Operations in the Cloud for Franchise Support

By implementing cloud-based infrastructure, X-Team has freed District Taco from the limitations of physical hardware and location-specific data storage. The shift to the cloud ensures all components are accessible, interconnected, and secure, reinforcing the stability of District Taco's operations.