LACPD Enrollment Application & Power Apps Cloud Database Migration

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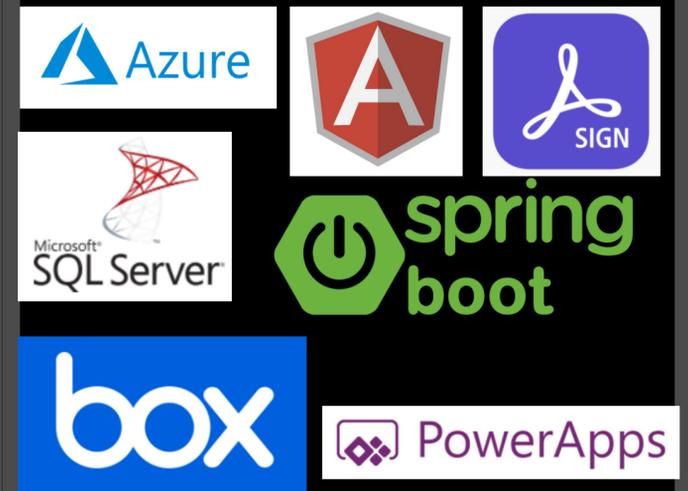California State University, Los Angeles

Background

Los Angeles County Public Defender's Office (LACPD) is the world's largest and oldest public defender's office with 700 attorneys handling half a million cases annually. A good IT infrastructure is crucial for the success of their mission.
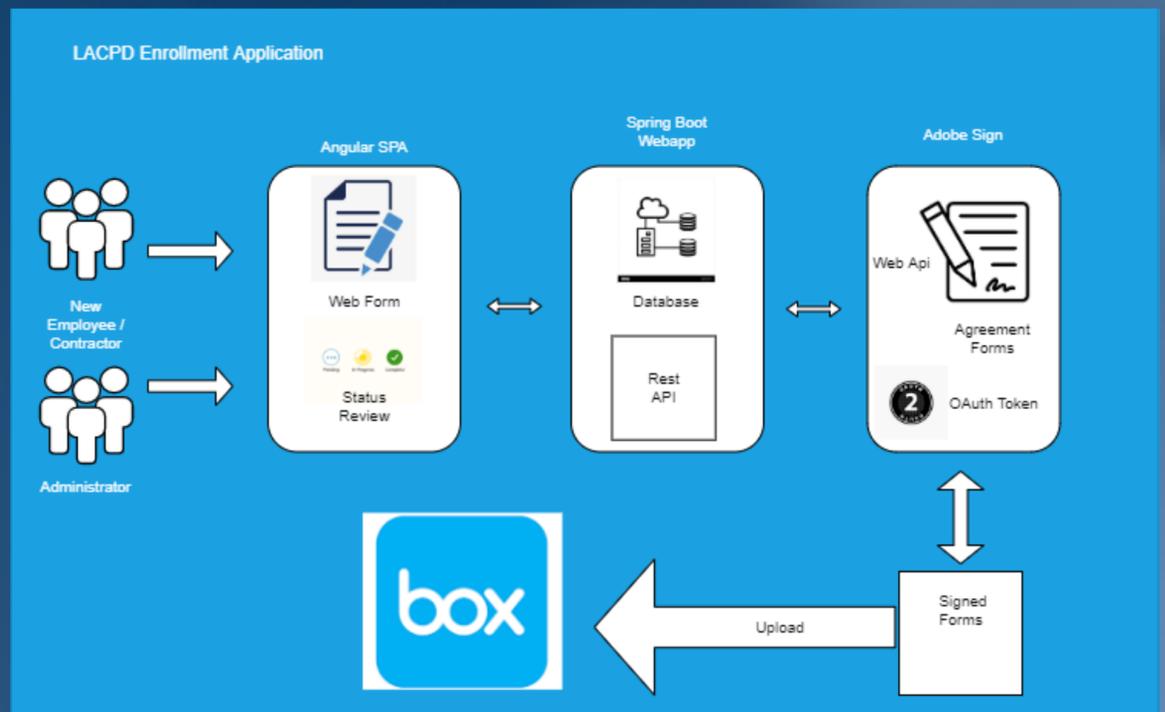
Objectives

- Migrate two Power Apps, PD Go and PD HelpDesk, to use Azure cloud database instead of SharePoint 365.

- Revamp an existing enrollment application for onboarding new employees and contractors with different forms, a different workflow, and additional integration with Box.com cloud storage.

Technologies

Enrollment App

- Redesign UI for the new LACPD forms
- Implement a new onboarding process
- Implement a new Adobe Sign template and a workflow
- Migrate to Adobe Sign REST API version 6
- Integrate with Box.com cloud storage service

Powerapps

- Separate apps from production environment
- Revise schema to target a relational database
- Migrate data from Office 365 to Azure SQL Database
- Implement necessary stored procedures and workflows
- Make necessary code changes to work with a relational database