LACPD Enrollment Application & Power Apps Cloud Database Migration

Team Members: Albert Chen, Norberto Gomez Rosales, Ryan Lee, Michael Loria, Simon Mai, Shahram Mehri Kalantari, Wilfredo Paz, Joshua Perez, Fabio Quintana, Ismael Valenzuela

Faculty Advisor: Dr. Chengyu Sun

Los Angeles County Public Defender Liaisons: Mohammed Al Rawi, Gratia Dsouza

Department of Computer Science

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

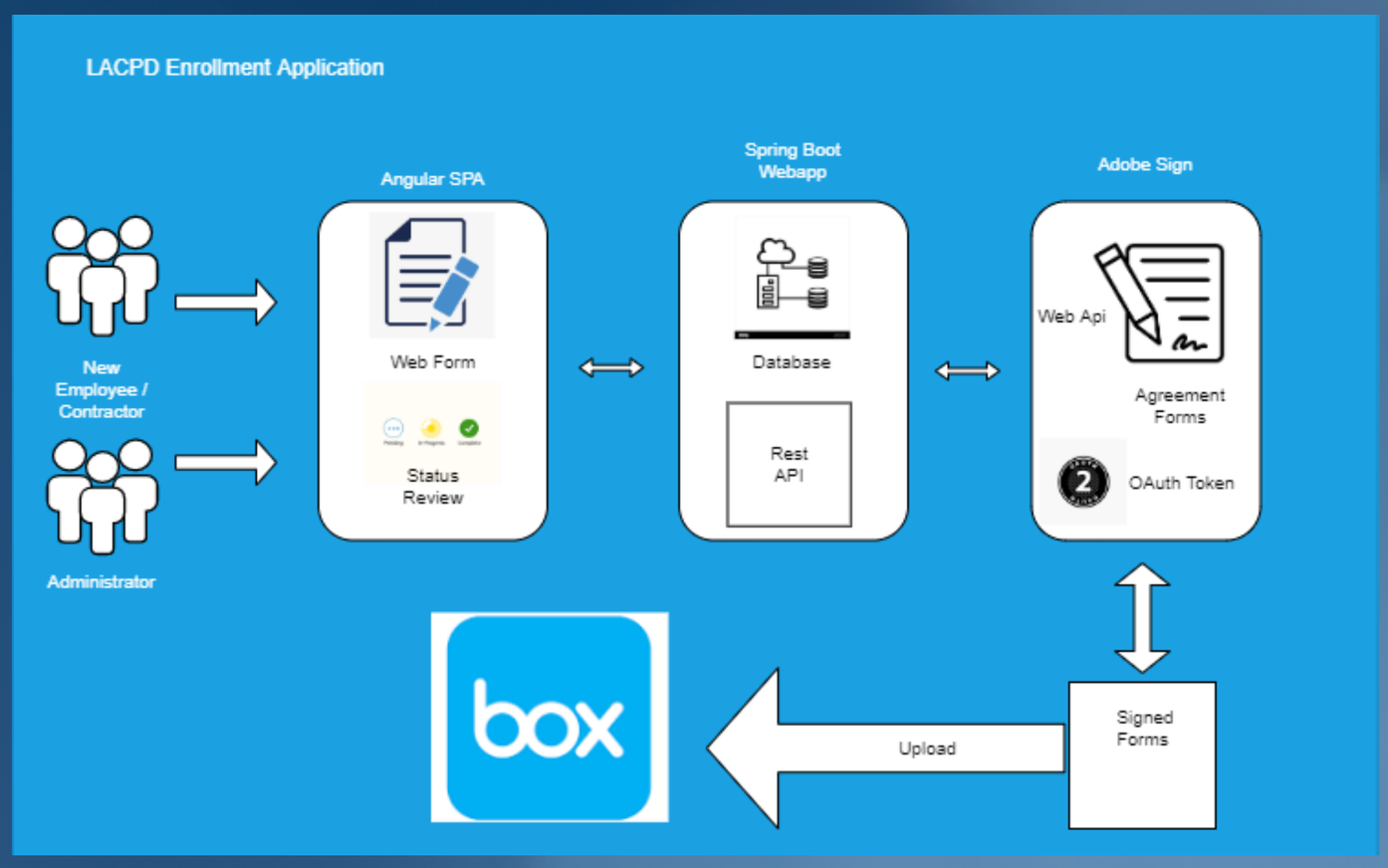
- Migrate two Power Apps, PD Go and PD HelpDesk, to use Azure cloud database instead of SharePoint 365.
- Revamp an existing enrollment application for onboarding new employees and contractors with different forms, a different workflow, and additional integration with Box.com cloud storage.

Technologies

Azure, Angular, Adobe Sign, Microsoft SQL Server, Spring Boot, box, PowerApps

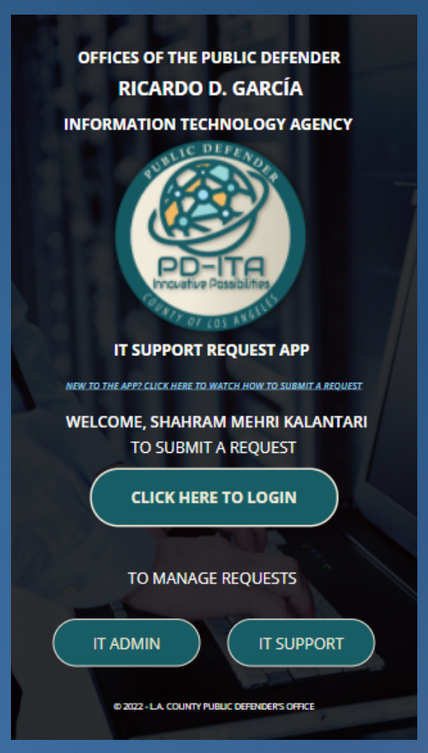
Enrollment App

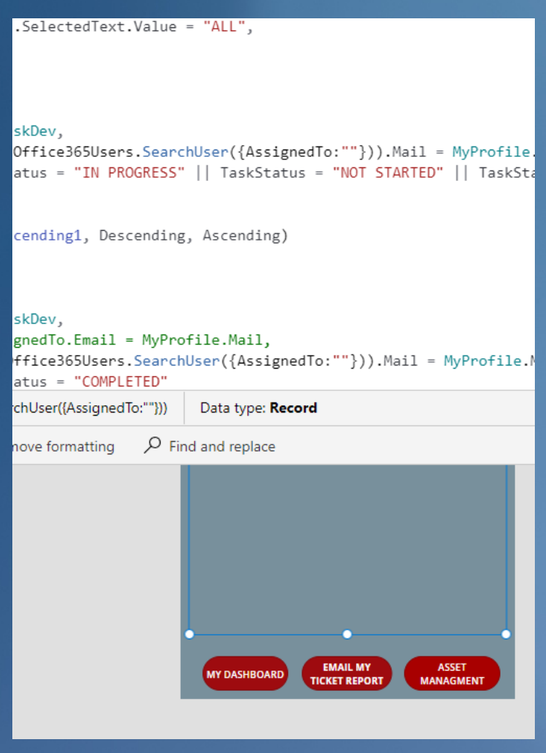
- Redesign UI for the new LACPD forms
- Implement a new onboarding process
- Implement a new Adobe Sign template and a workflow
- Migrate to Adobe Sign REST API version 6
- Integrate with Box.com cloud storage service

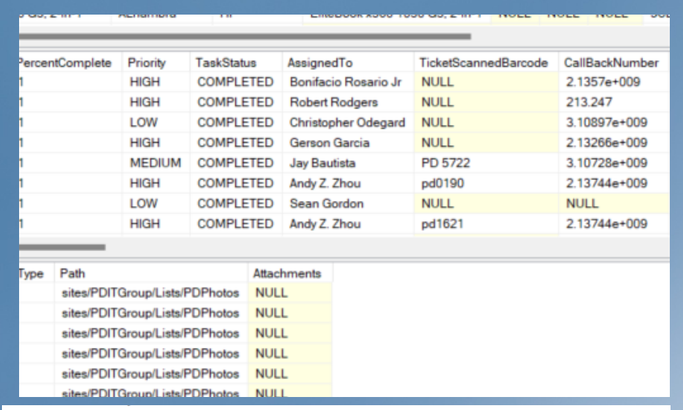


Powerapps

- 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







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1	LOW	COMPLETED	Christopher Odegard	NULL	3.10897e+009
1	HIGH	COMPLETED	Gerson Garcia	NULL	2.13266e+009
1	MEDIUM	COMPLETED	Jay Bautista	PD 5722	3.10728e+009
1	HIGH	COMPLETED	Andy Z. Zhou	pd0190	2.13744e+009
1	LOW	COMPLETED	Sean Gordon	NULL	NULL
1	HIGH	COMPLETED	Andy Z. Zhou	pd1621	2.13744e+009

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```
/****** Object:  StoredProcedure ******/

-- HelpDesk

GO
CREATE PROCEDURE Import_New_Record
    @Assigned DATETIME2,
    @AssignedByName NVARCHAR(MAX),
    @AssignedTo NVARCHAR(MAX),
    @ID int,
    @TaskStatus NVARCHAR(MAX)
AS
INSERT INTO HelpDeskDev (Assigned,AssignedByName,AssignedTo,ID,TaskStatus)
Values (@Assigned, @AssignedByName,@AssignedTo,@ID,@TaskStatus);
GO

-- PDInventory

GO
CREATE PROCEDURE Import_New_Record_PDInventory
    @InServiceDate DATETIME2,
```