

Box.com Discovery Bates Namer: Cloud Integration

Team Members: Santiago Del Rio Obando | Jesse Alcocer | Jian Verdad | Alexander Mendez | Justin Bradshaw | YongKang Liu | Gilbert Perez-Sanchez | Anthony Diaz | Anthony Gonzalez

Faculty Advisor: Dr. Jung Soo Lim
Santa Barbara Public Defender's Office

Liaison: Deepak Budwani | Alexander Voisan, Angie Stokke | Sarah Rothschild | Luis Ramirez | Jalena Jones
College of Engineering, Computer Science, and Technology
California State University, Los Angeles



Project Description

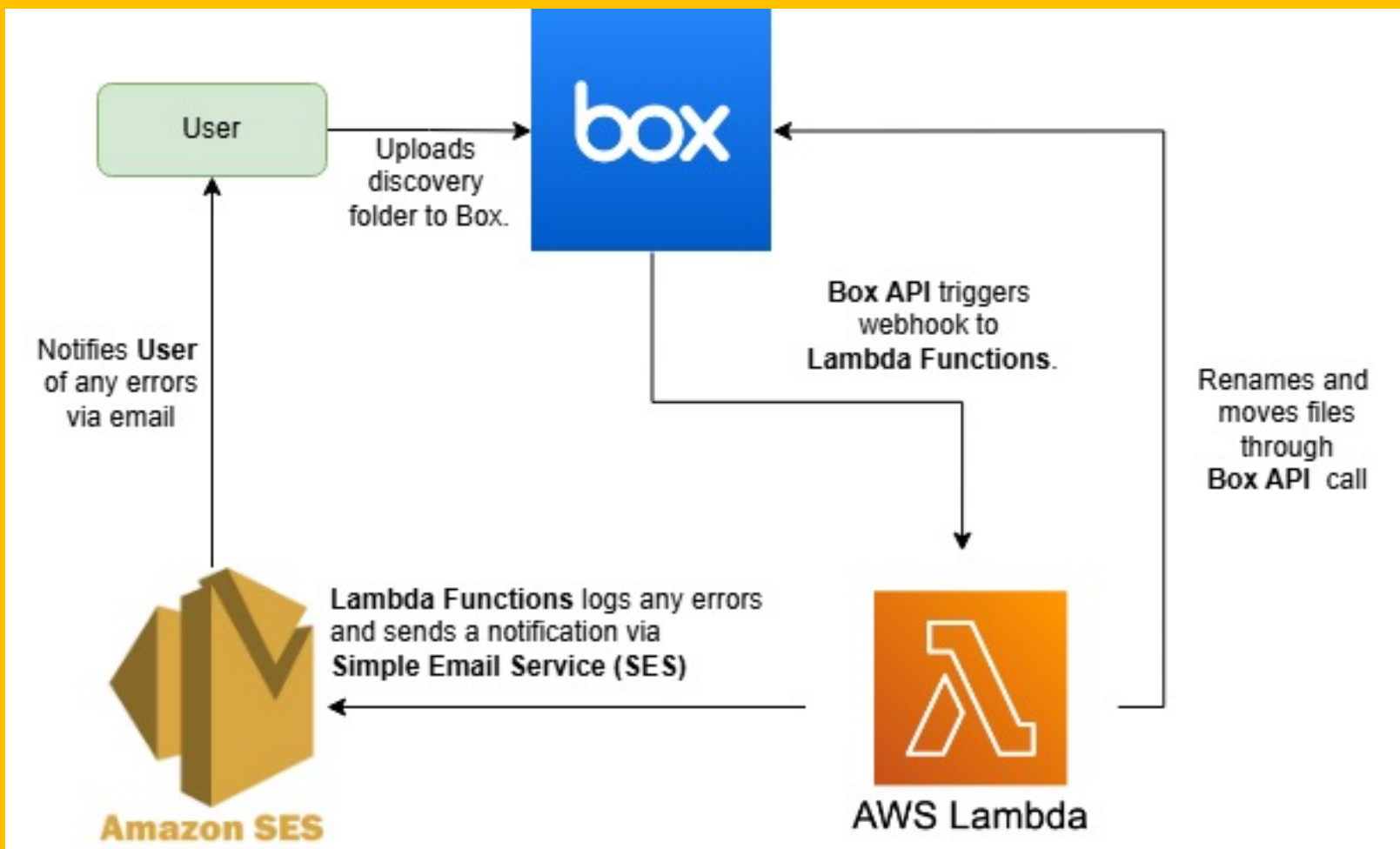
Background

With 5–6 TB of discovery files uploaded monthly, the Santa Barbara Public Defender’s Office needs an automated solution to streamline file processing and save time and resources.

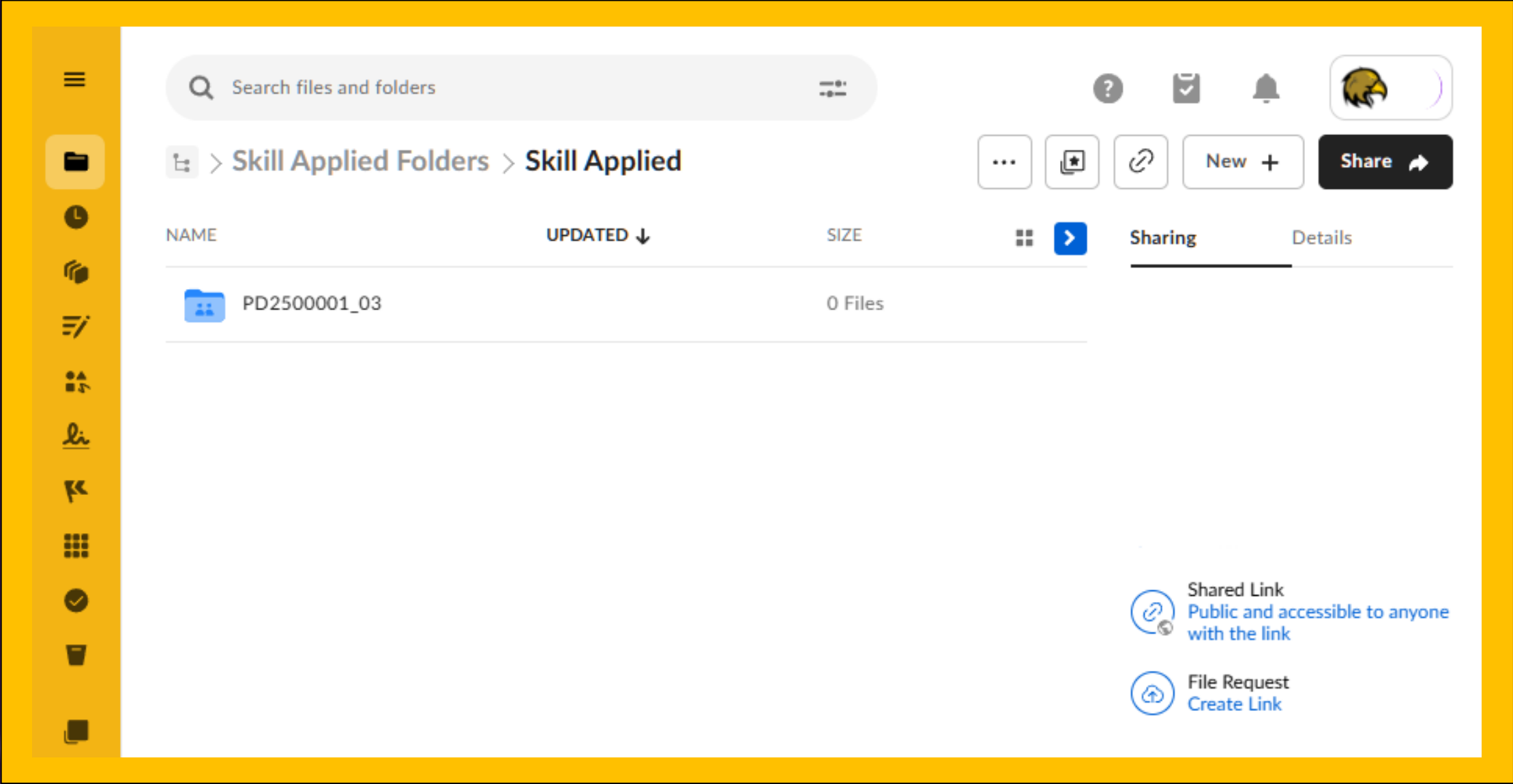
Objective

Migrate Santa Barbara's standalone Bates naming application to a serverless environment using AWS Lambda, eliminating manual steps, reducing human error and adding webhook validation and error notifications for security.

System Architecture



User Interface



Demo



Backend Diagram

