



ONLINE COURT RESOLUTION SYSTEM

How Judicial Innovations achieved cost reduction and faster time to market with serverless & blueprint plan

INTRODUCTION

Making one-of-a-kind experience with everything very dynamic as court systems and decisions are unpredictable and involve different varieties of users. With a vision to make the court systems process smoothly and make onboarding as easy as possible in 10 minutes.

To achieve the results we were learning the court's business, their specifics learning from all possible scenarios. With that, we have to meet the market, with just a vision in hand. All that came possible with months of effort and building 4 platforms simultaneously. Judicial innovation is a truly dynamic platform that can suit any court's need, it is built to keep the dynamic aspects of technicalities.

Using our system allows for increased access to justice, creating convenience for court staff and the public allowing for timely and effective case closure.

BLUEPRINTING

The crucial part of Judicial Innovations is its dynamic nature and making decisions correctly for every scenario as you can't make failures in the real court environment it could be very messy. The architecture was modelled before starting any work which involved cloud to end logics which helped us throughout the process to make the platform a success.

SERVERLESS

Serverless being a new tech in the market helped us reduce a significant amount of time by providing APIs SDK, and latency without any overhead costs. The problem arises when the changes were to happen, this taught us about the ALIAS system of the serverless which streamlined our processes and allowed us to maintain and distribute traffic as per the traffic load

RESULTS & DISCUSSION

We have developed a fine tuned platform integrating the dynamic needs of the court system and legal regulations. Modelling should be done at each level of the system and not just the flow of the project, this really helped us in building the old non IT court systems of the US into smoother applications. We were concurrently in the cycle of requirement analysis, development and improvements to reach the market on time. Judicial Innovations has brought an advance in the court system making it easier then ever for the users to resolve and complete their cases with a virtual court management system.

KEY LEARNINGS

- Serverless & Cloud9
- Blueprinting
- Alias and routing
- SDKs