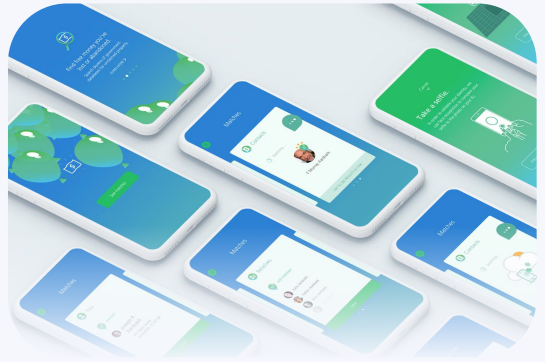# [/}Devs_Data

KLAIM
Case Study

Klaim

Find lost money!

📊 Project Overview

It is a B2C iOS application that allows its users to find otherwise "unclaimed properties" for them and their families using the database they possess as well as external resources via web scraping. A data aggregator, with an extensive Back-End logic responsible for an intelligent information scoring and matching, is combined with an elegant Front-End design on iOS.

🔍 What Are Unclaimed Properties?

Unclaimed property (also known as abandoned property) refers to accounts that companies are holding even though they do not belong to them but to individuals or other companies with whom they have lost contact.

Often individuals are not aware that companies have unclaimed property belonging to them. Examples of unclaimed property include savings accounts, stocks, uncashed checks, refunds, traveler's checks, trust distributions, insurance proceeds, certificates of deposit, security deposits, and royalty payments. In the US companies are required to remit unclaimed property to the state of the last known address of the account owner if they are not able to return the property to the actual owner. In their custodial capacity, states hold the unclaimed property for citizens to claim. Every state in the US has a special department/organization responsible for handling them. Links to the selected states:
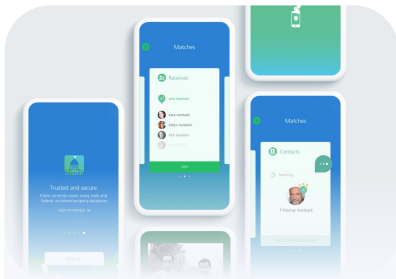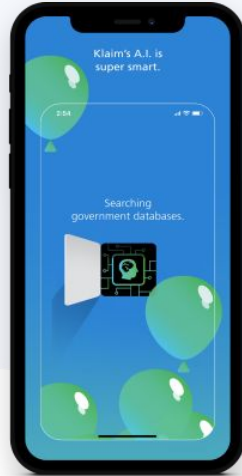
CA: https://ucpi.sco.ca.gov/UCP/   NY: http://www.osc.state.ny.us/ouf/   TX: https://claimittexas.org/

More information on what an unclaimed property is can be found here.

The business purpose of the application

Many government agencies collect and hold "unclaimed property" until claimed by the rightful owner. Yet, cash comes from lost or abandoned bank accounts, stocks, gift certificates, royalties, uncashed checks, life insurance proceeds, security deposits, and many others.

About 1 in 4 adults has unclaimed property waiting for him. A rough estimate is that there is over $75 billion waiting to be claimed—that is more than $230 for every US resident.

There was no application where an individual can check if there are any matching unclaimed properties by a single form. It is extremely inconvenient to check all possible sources, especially when all family members are checked. Moreover, there are plenty of sources of unclaimed properties, which makes it almost impossible to check them all. That is how the idea of Klaim was born.

Klaim is a B2C app that allows users to find "unclaimed properties" for them and their families using the database the client possesses as well as external resources. The app uses sophisticated algorithms to search these "unclaimed property" databases on the user's behalf. If it finds any matches, it will help the user generate a claim or link them directly to an appropriate agency. With the user's permission, Klaim can also search their contact book to find unclaimed property for friends and family.
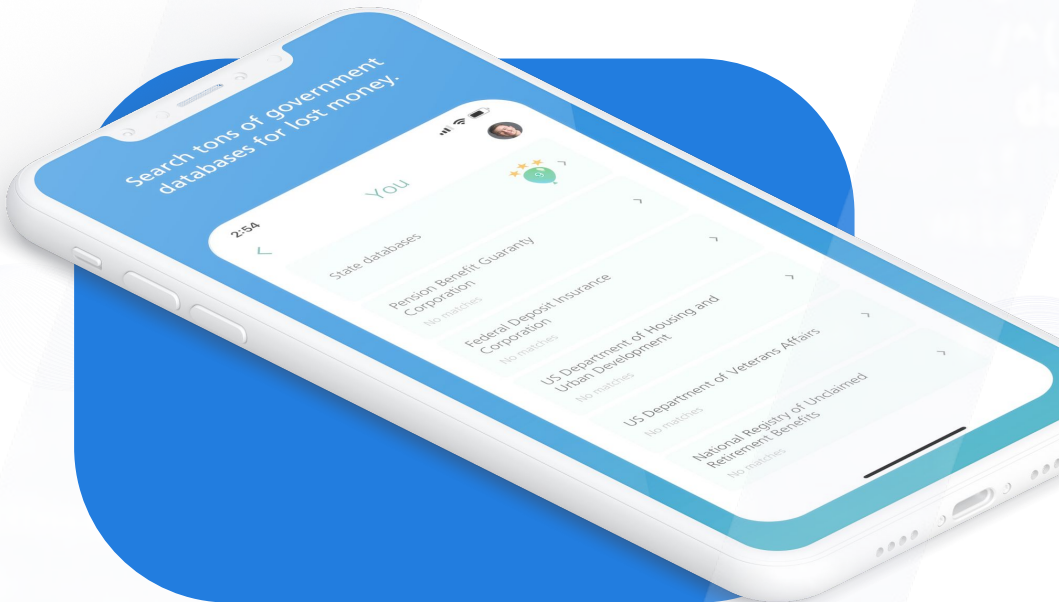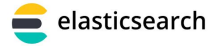
How Does It Work?

We have built an iOS application as a frontend for a client. Using sophisticated algorithms and third-party data sources, Klaim searches dozens of unclaimed property databases. Under the hood, the application calls API on the AWS cluster to start traversing all scraped databases of unclaimed properties and call all APIs of non-scrapable sources. When the data gathering process is completed, the results scoring phase is started. Only the best matching results are presented to the user. The solution efficiency is provided via auto-scaling mechanisms when there are many users at once on the service. The whole system is orchestrated by Kubernetes, which enables high availability.

Technologies

Various modern technologies have been used to build the **KLAIM**

python™   Swift   docker   Terraform

kubernetes   aws   PostgreSQL   elasticsearch

kibana   logstash   Jenkins   Swagger™

Client's testimonial

KLAIM

Reviews

5.0 ★★★★★ 1 REVIEW ›

| Submit Review | Sort by | Relevance ⌄ | Filter Reviews + |

THE PROJECT

iOS Development and AI Stealth Project

- 🖵 Mobile App Development
- ➦ Confidential
- ▦ Jan. 2017 - Ongoing

Project summary:

DevsData built an iOS app, contributing to the design and building a backend on Amazon Web Services (AWS). Their team continues to assist with other projects.

THE REVIEW

"DevsData built out a modern, user-friendly app that includes a complex backend and beautifully designed frontend."

MAR 02, 2018

5.0 ★★★★★

Quality:	5.0
Schedule:	5.0
Cost:	5.0
Willing to refer:	5.0

Feedback summary:

DevsData's app exceeded expectations, incorporating suggestions to create a more modern, user-friendly end product. It includes both a well-designed interface as well as a complex backend. Both responsive and honest in communication, their team is a true partner.

| Read Full Review ⌄ | ⌁ |

THE REVIEWER

CEO, Redbrick Partners

Jonas Lee

- 🖵 Technology
- 👤 1-10 Employees
- 📍 Cincinnati, Ohio
- 💬 Phone Interview ⑦
- ✓ Verified

Contact Us

Devs_Data

Our skills, experience and battle-tested process allow us to scale your business with top-notch engineers.

Regardless of your tech stack and location.

Let's talk!

Tom Potanski, Owner
tpotanski@devsdata.com
(917) 300 1752

Devs_Data

DevsData LLC
1820 Avenue M, Suite 481
Brooklyn, NY 11230, USA

(917) 300 1752
general@devsdata.com