Case Study:
PIONEER LIBRARY SYSTEMS

STACKS

RUBY POSTGRES OBJECTIVE C

CAPISTRANO LINUX JAVA

IOS ANDROID

SERVICES

- Mobile App Engineering
- Platform Engineering
- Web Service Engineering
- UI/UX Design
- DevOps Consulting
- Platform Maintenance

TIME TABLE

Launch Time Table:
6-8 Months

MANAGEMENT

Ongoing Platform Management:
2 Years

THE INDUSTRY'S PROBLEM

Libraries across the nation were unable to offer remote services to those in need through one central application. Existing library software was pulling users in many directions by requiring multiple applications to be installed in order to access different content or content in different formats. The mobile application workflow involved downloading the library's app and redirecting the user to log into several other pages in order to access content or library services. This cumbersome process for a seemingly simple task left users frustrated and in need of a better solution.

PHASE 2'S SOLUTION

Phase 2 created a user-friendly mobile application that grants instant access to all of the currently available, instantly downloadable, and free resources – all with one single login. The solution was made possible by integrating multiple third party API's into a unified platform. Native mobile apps were built on iOS and Android to give users a single point of access to all of the library's content and services, giving users the ability to access ebooks, audio-books, magazines, reserve books and rooms, and search the catalog. The platform empowers Pioneer to add or change third party services as needed without harming their user's experience.