

Wayfinder

Final Presentation



Introduction

The Team



Matthew Logan
Team + Backend Lead



Dallas Richmond
Frontend Lead



Tyler Maloney
Frontend Developer

The Client



Ministry of
Citizens' Services

Ministry of Citizens' Services
Product Sponsor



Robert Kobenter
Product Owner

Presentation Outline

- Introduction
- The Issue
- Intervention
- Journey
- Our Solution
- Conclusion

The Issue

service bc

Service BC Centre Victoria

3.6 ★★★★★ (31)

Government office · 771 Vernon Ave #403

Closed · Opens 9 a.m. Mon · (250) 387-6121

Website

Directions

Ministry of Citizens' Services

1.0 ★★★★★ (2)

Government office · 4000 Seymour Pl

Closed · Opens 8:30 a.m. Mon · (250) 387-6121

Website

Directions

BC Ministry of Finance Revenue Division Customer Service Centre

1.5 ★★★★★ (8)

Government office · 1802 Douglas St Main Floor

Closed · Opens 8:30 a.m. Mon · +1 866-329-9899

Website

Directions

BC Public Service Agency

3.0 ★★★★★ (4)

Government office · 810 Blanshard St

Website

Directions

☐ Update results when map moves

Search this area

Map data ©2023 Google Canada Terms Privacy 1 km

Can you tell which of the listed locations are official government service locations?

Can you tell which of the listed locations are public-facing, and meant to serve citizens?

The Issue

Third-Party Applications

- Third-party applications, while often accurate, are not guaranteed.
- Citizens should have service data issued directly from their government.

How Wayfinder Solves this

The Wayfinder application solves this issue, by providing information about provincial services from an official government source.



The Intervention

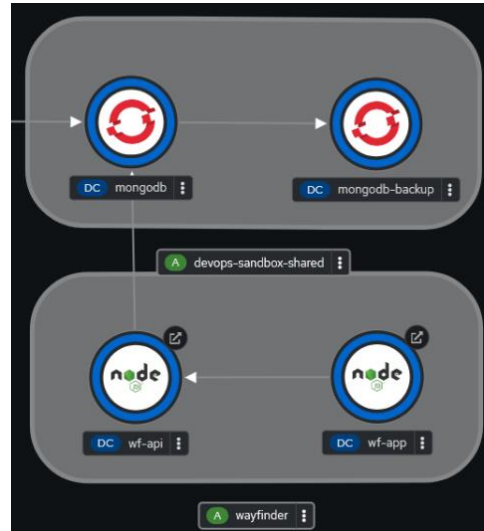
The Client Requests

- A Progressive Web Application
- Reusable Components
- OpenShift Deployment
- Offline-Capable Maps
- User Analytics



With these constraints in mind, we began drawing up our initial user stories.

Our Journey



Filter Search ✕

HealthBC Locations	Distance
Royal Jubilee Hospital	3.81 KM
Victoria General Hospital	4.88 KM
Saanich Peninsula Hospital	16.14 KM
Cowichan District Hospital	45.20 KM

Service Design

1

- “Way of Work”
- User Stories and Journeys
- App Architecture

Initial Deployment

2

- Application Shell
- CI/CD to OpenShift
- GitHub Actions

Data Collection

3

- No Existing API
- Develop Web-Scraper
- ETL Procedure

Our Journey



Development

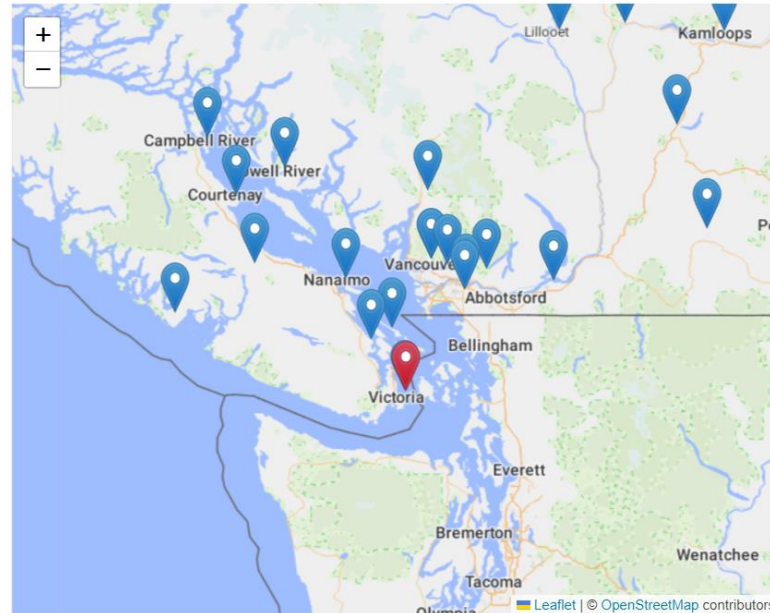
4

- MERN Stack
- Progressive Web App
- Agile Methodology

Offline Functionality

5

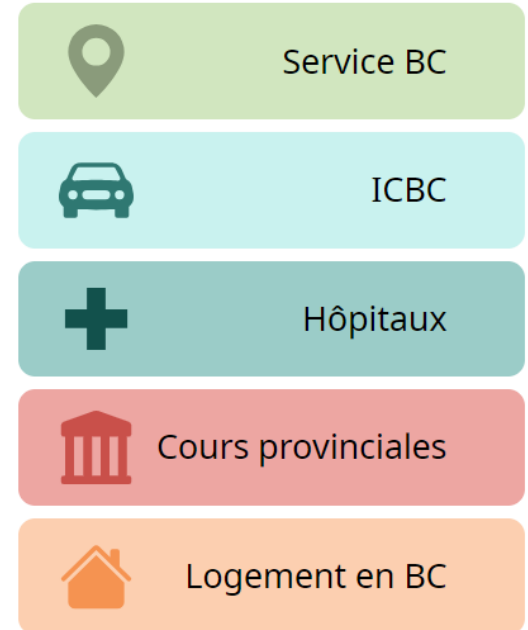
- Utilized Service-Workers
- Offline Map Excerpt
- Deferred Report Submission



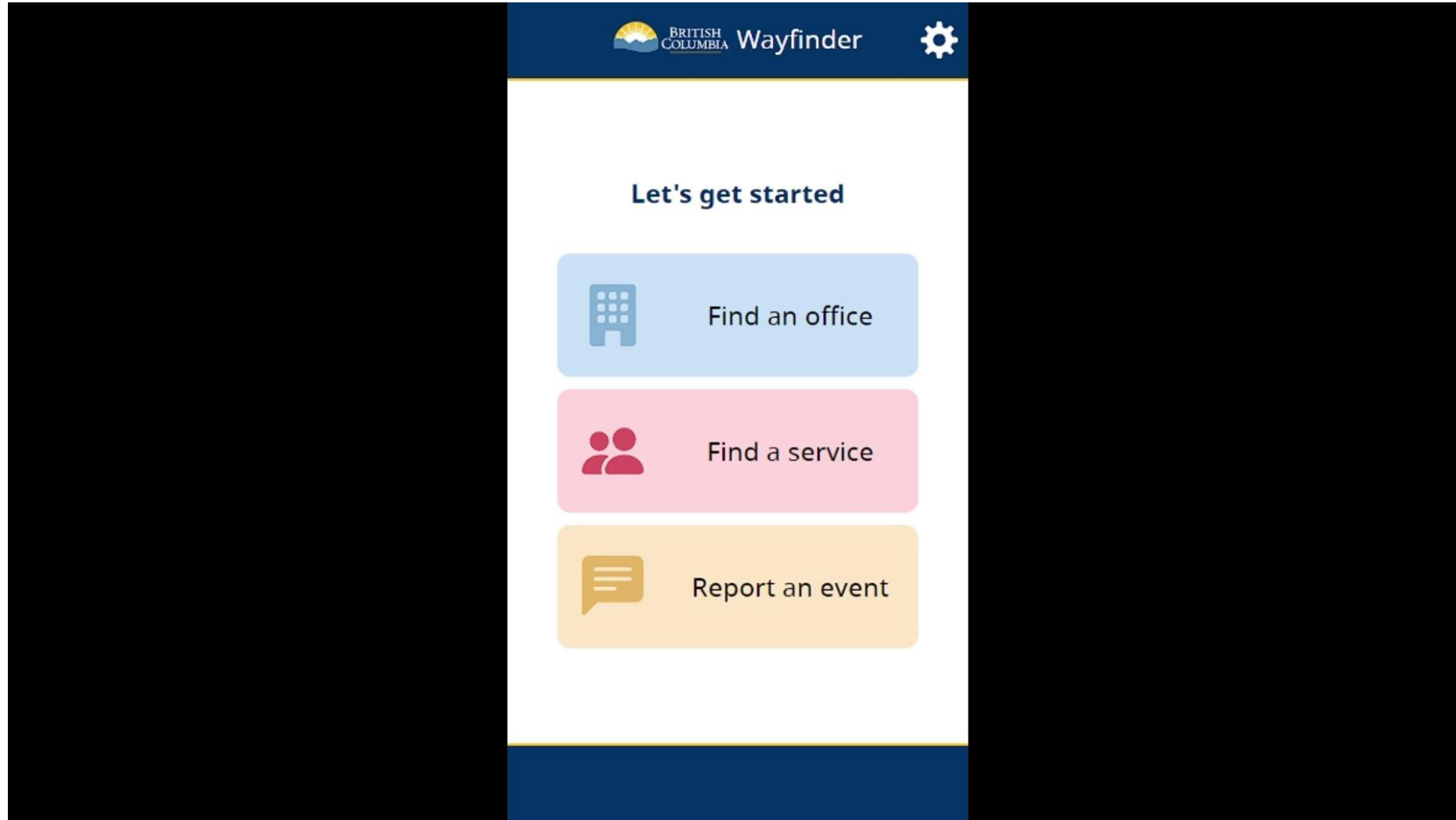
Refinement

6

- Multi-Language Support
- Report History
- Improved Data Offerings



Our Solution





Matthew
Logan

Dallas
Richmond

Tyler
Maloney

QR code below links to
our application!



Thank You, from Team Wayfinder!

Contact us : wayfinderdevelopers@gmail.com

Application URL : wayfinder.apps.silver.devops.gov.bc.ca/