

EL MONTE NOTIFIER

Description:

A mobile app that will notify residents in El Monte about upcoming official events.

Examples:

- COVID-19 Test Sites
- Vaccination Sites
- Food Drives
- Town Hall Meetings
- Generic Events

It will notify residents via Push Notifications. This app will also provide a routing feature.

The app will offer accessibility to people of different language backgrounds.

- English
- Spanish
- Mandarin
- Vietnamese

Note: This app won't store any private information. It will require the user's location, but it is not necessary.

Why do we need this app?

El Monte has newsletter notifications that only go to e-mails and an Instagram page. This will bridge the gap between people and city officials because it is easy to download an app that provides easy push notifications.

How am I going to make this app?

FRONT END:

We are going to use Flutter because of its accessibility to programming Android and iOS apps efficiently.

BACK END:

Web scraping.

RSS Feed(?) => Scrape important key words – Date, Time, Place, Name – and push it to the front end.

- Using the specific keywords, I want to include an infographic to improve UI/UX!

Resources:

Git and GitHub

Flutter's Docs, Cookbook, Widget Catalog, and Samples

Windows:

- Visual Studio Code
- Flutter

MacOS:

- Visual Studio Code – allows developers to simulate iPhones
- Flutter