

LineUp

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A laptop screen is shown with a dark overlay. The screen displays a line graph with a blue line and a pie chart with a green slice. The text is overlaid on the left side of the screen.

Mission statement:

Connect people with
real time voting line
information.

The Problem

Potential voters will leave polling locations if the line is too long



A close-up photograph of a person's hand, wearing a dark sleeve, pointing with their index finger at a document on a table. A pen lies on the table near the hand. The background is blurred, showing some bokeh light effects.

The solution

LineUp provides real time line length data on all polling locations in Travis county.

Users can check nearby polling locations to find the shortest line, making voting faster and easier.

How it works

Step 1

Log In or Sign Up for an account. Ensure location services are available.

Step 2

View the map to find nearby polling locations, they are color coded by line length

Step 3

Click the pins to view location details, if you are present at the actual location, submit your feedback on the current line length

Technologies

Node.js

Express

MySQL

Materialize CSS

Sequelize

Passport

Bcrypt

Google Maps API

Q

Sweet Alerts

User Login

Leverage Passport to set up local login.

Passport serializes and authenticates users.

Use active user sessions to render/hide login buttons, voting buttons

Routing

Pull location data from the database to populate map

Add real-time line length data pulled from user input to locations

Pass geofence data and user login info to restrict input to clean data

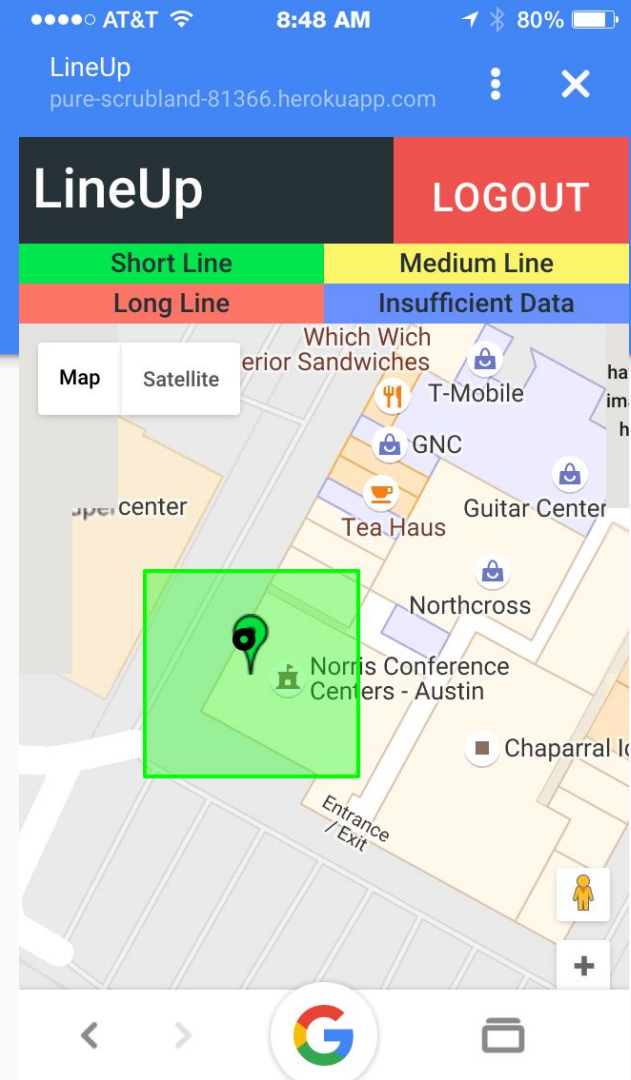
Google Maps API

Plot markers on map using data from database

Create geofences around each location

Acquire current user location using geolocation services

Format and create pop up info box for each location



Demo

LineUp

LOGOUT

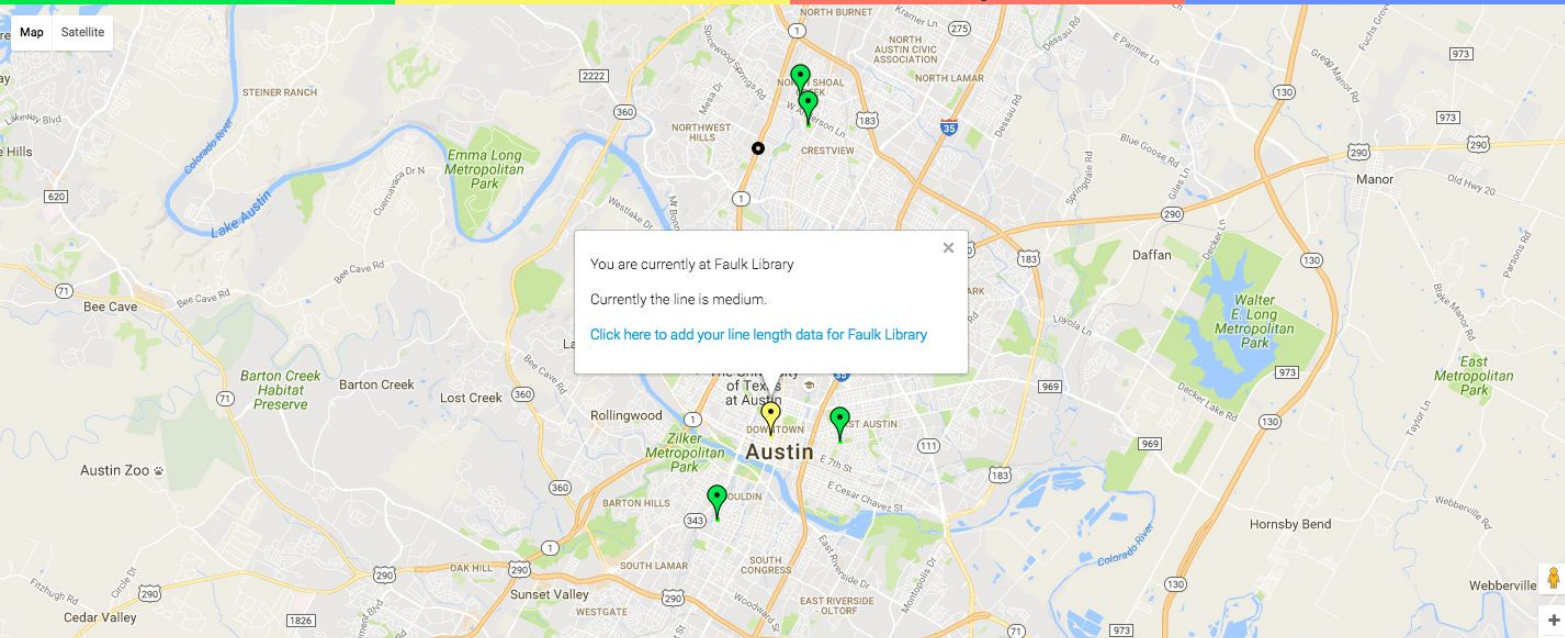
Short Line

Medium Line

Long Line

Insufficient Data

Live Demo



Future Development

Add social login options (Facebook, Google)

Refine location services

Add all polling locations to map when information becomes available

Add additional voting functionality (i.e. what party did you vote for?)

Enhance UI/UX

Questions?