

The Good Street

Women's Hackathon
March 18, 2017



A vibrant night scene of a European street. In the foreground, a person sits at a small outdoor cafe with a table and chairs. The background features several multi-story buildings with warm yellow lights emanating from their windows and balconies. The overall atmosphere is lively and colorful.

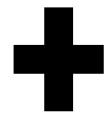
The Good Street

Walk San Francisco
Smart, Safe, Fun

Problem

- Smart** Walking alone is dangerous in the city
- Safe** It can be Challenging to find safe haven
- Fun** Having fun should not be difficult





Safety

Empowerment

Solution

**Good +
Street.**

User Story

Katie

A 25 year-old women
who just moved to San Francisco

She wants to go to a bar in a unfamiliar neighborhood

She is unsure if it will be safe for her to walk there
She wants make sure there are safe havens along her route



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Street.

Features

Maps the safest route to your destination
Maps the safe heavens along the route
Maps points of interests along the route

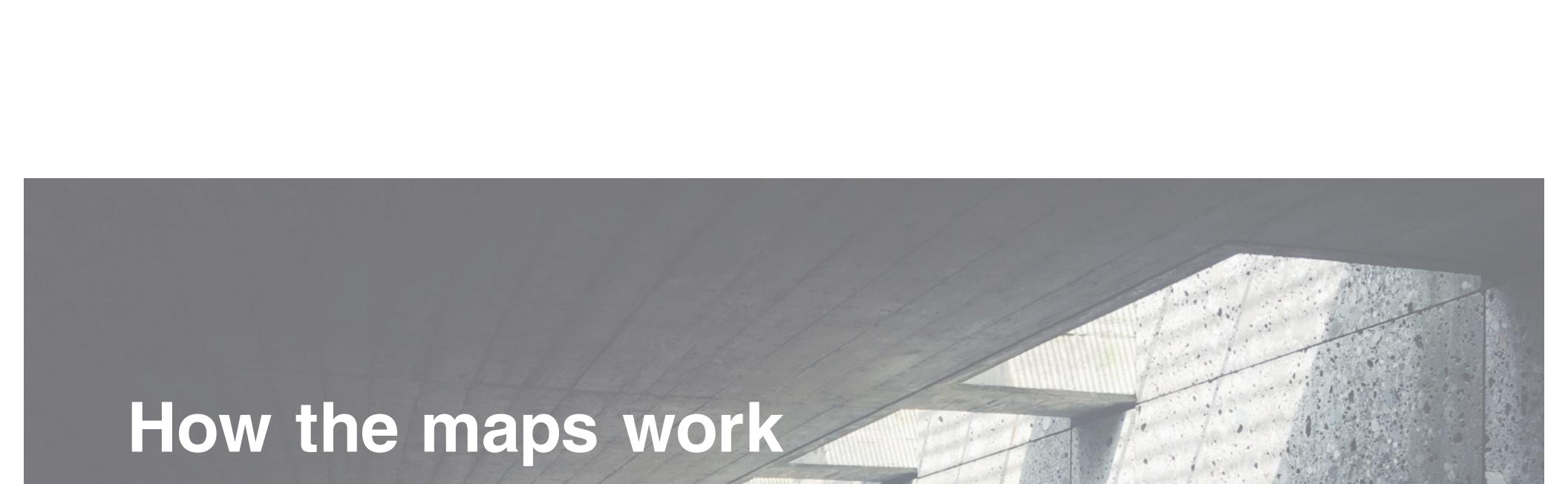
Connects to Lyft if needed
Social media links





Demo

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Street.

A photograph showing a view under a concrete overpass or bridge. The ceiling is made of large, light-colored concrete beams. Sunlight filters through the beams, creating bright highlights and deep shadows. In the background, a concrete wall and some foliage are visible.

How the maps work

1. The bounding boxes along the route are set.
2. Police stations and safe havens are marked inside the bounding boxes
3. The crime statistics pulls information to mark crimes in the area

The data is queried from our database, while the locations are collected using APIs

- Safe haven and point of interest is from [Yelp API](#)
- Crime data is from [San Francisco Police department API](#)
- Using [Google API for map rendering](#), geolocation and routing

Technologies

Languages: JavaScript, Python

Dev env: Flask, Bootstrap

Data: Google API, Yelp API, SQL, JSON

PM: Github, Slack

Design: Photoshop/Illustrator, MS PPT, Canva

Future Development

Restaurant midpoint

Change route to include certain interests

Add time to the interest to check the changes of crime

Information from Yelp for the point of interests displayed

Google street view displayed for each point of interest

Make it social that the person can share the route to people

Make it possible for the person to add the threat

Safety scale in routes relative to others

Q&A

<https://github.com/March-Hackbright/good-streets>

Amanda Crawford
Blerina Aliaj
Elaine Ying
Elizabeth Goodman
Laurel Kline
Soo Park



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