

The Good Street

Women's Hackathon
March 18, 2017





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

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



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

Good+
Street.



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

Lanugages: 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



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Q&A

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

**Good +
Street.**