

Application Type

Miscellaneous

Questions

Website will only work around the main campus

Hurdles:
Competitors

Will the website use my location or do I just state where the light is?

github website

Advertisement and Marketing Ideas: Share the app across different social media platforms and post flyers across campus.

How would the user specify exactly which light they are reporting?

A downloadable app for mobile devices

Hurdles:
Getting accurate information

How do we maintain/update the site?

Initial problem: College students have difficulty crossing the streets due to traffic lights not working

Future Growth

Expanding the program to other universities and cities

Adding more data/traffic light information and administrators who can edit the site

Could we implement something that could send these reports to the city/local officials after being verified?

Estimate walking times with traffic lights

Essentials

Students use the app to report when traffic lights are out/broken

Verify users are in the area/a student by getting school email

Basic features: Icons in app that will allow the user to place broken walk lights, or slow lights

Interactive map with lights that has popups when you click on them

Could we also provide some information about the traffic lights themselves? like observed patterns, previously broken, other people reports?

Feedback & Updates

Site gets user's feedback, and process them into usable data

How can we determine traffic light patterns in general? Maybe look at traffic/zoning laws to determine the traffic light pattern or going out and recording different light cycles?

How do we check accuracy?

how do we determine if a light is broken or just slow?