

Show you care. Park elsewhere

Help us empower pedestrians!

Challenge Rating: 4/5

Cars are parked everywhere. Our neighbourhoods are becoming so congested, people are starting to become blind to the needs of others when they park.

We'd like to empower people to do something positive, when they find a car parked thoughtlessly.

We'd like to give a gentle nudge, to ensure that people become aware of the impact of their cars again, and maybe change their behaviour.

We're trying out a way of doing this, using stickers, an app and a webservice.

Stickers first: we can make them available on-line to retailers. People can buy stickers with cash. Makes the service anonymous. No needless accounts, or information to leak!

Each sticker has an identification code.

The stickers are repositionable and biodegradable and won't harm cars in any way.

Here's what happens:

- Finding a car which is parked thoughtlessly a person takes a sticker, scans it with the Show You Care app and sticks it onto the car. They've reported an incident!

When the owner returns to their car, the sticker will show that they have caused someone inconvenience, or potential harm.

If you've offended someone, it's nice to be given the opportunity to apologise. We can make this happen:

- The sticker can be scanned easily using the camera in a mobile phone
- Most modern mobile phones recognise weblinks in QR codes. Try this using your mobile phone's camera:



- The car-owner is taken automatically to the Show You Care website

- The website simply tells them that their parking has inconvenienced someone, or put them in danger
- The car-owner can choose to ignore or apologise, with just 2 buttons.
- When the car-owner apologises, the reporter will receive a notification from the app.
- Everyone feels just a little bit better.

This Project

You'll see that the QR code above already takes you to a website.

The work of last year's team allowed us to create a prototype system which exercised all the components needed.

This year, we're going to take things further.

Our goal this year is to turn the prototype into a reality.

We even have a supplier for the stickers!

Experience Areas

This project will allow members to gain and exercise knowledge and experience in the following areas:

QR Codes

Push notifications: Google Firebase

Database : SQL on Postgres

RESTful APIs, using Javascript and NodeJS

Single page web applications, using Javascript and AngularJS

Ionic / Cordova cross platform Javascript applications for mobile

Need More Information?

See our [project pages](#)