

solosd

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TEAM P

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The Problem: **Social Exhaustion**

- ❖ Introversion or simply the desire to be left **alone** in a public space are rarely considered.
- ❖ Those who wish to get out of the house yet also desire some **quiet** time to themselves are left at a loss.

The Opportunity: **Social Avoidance**

- ❖ Times where you still **want to go** out but don't want to interact with others.
- ❖ People can still enjoy exploring places **by themselves**.

What we will discuss

- ❖ Who our users will be and how soloSD fixes the problem.
- ❖ Describe the design process of how soloSD came to be. Go in the team structure and the system of the project
- ❖ Demonstrate our application and show how it solves the problem and what technology we implemented.
- ❖ Closing remarks and questions

User Profile

- people seeking a scenic place to be **alone**
- **quiet time** - **safe** location, nearby conveniences
- argument with a loved one? bad home environment? tired of how busy everyday crowds are?



Design process

Mental health
Bullying

Solo



Idea



Product

Paper -> Mock up -> Invision -> Real app

Team Structure

Veronica System architecture, backend coding

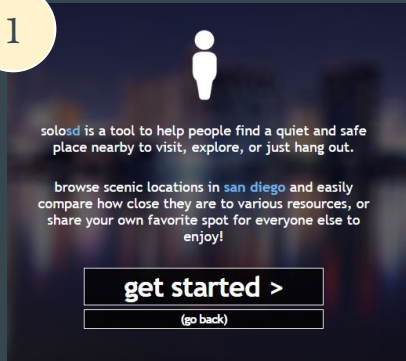
Gabriel backend coding

Michelle frontend coding/designing

Alicia UX/UI, prototyping

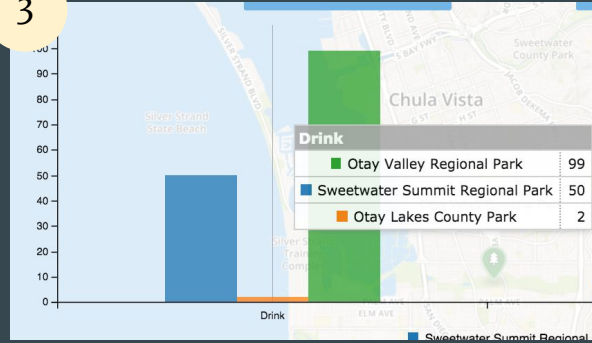
Allan feedback implementation, documentation

1

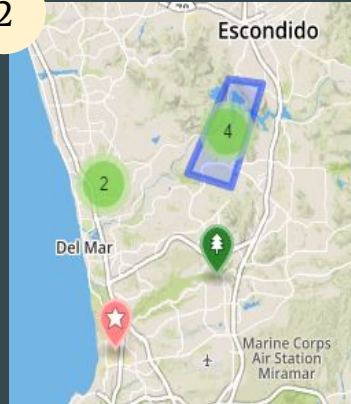


help page

3

comparative
visualizations

2

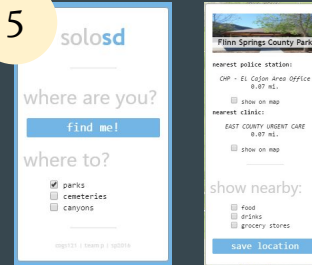
map with
geolocation and
clustering

saving locations

4

save location

5

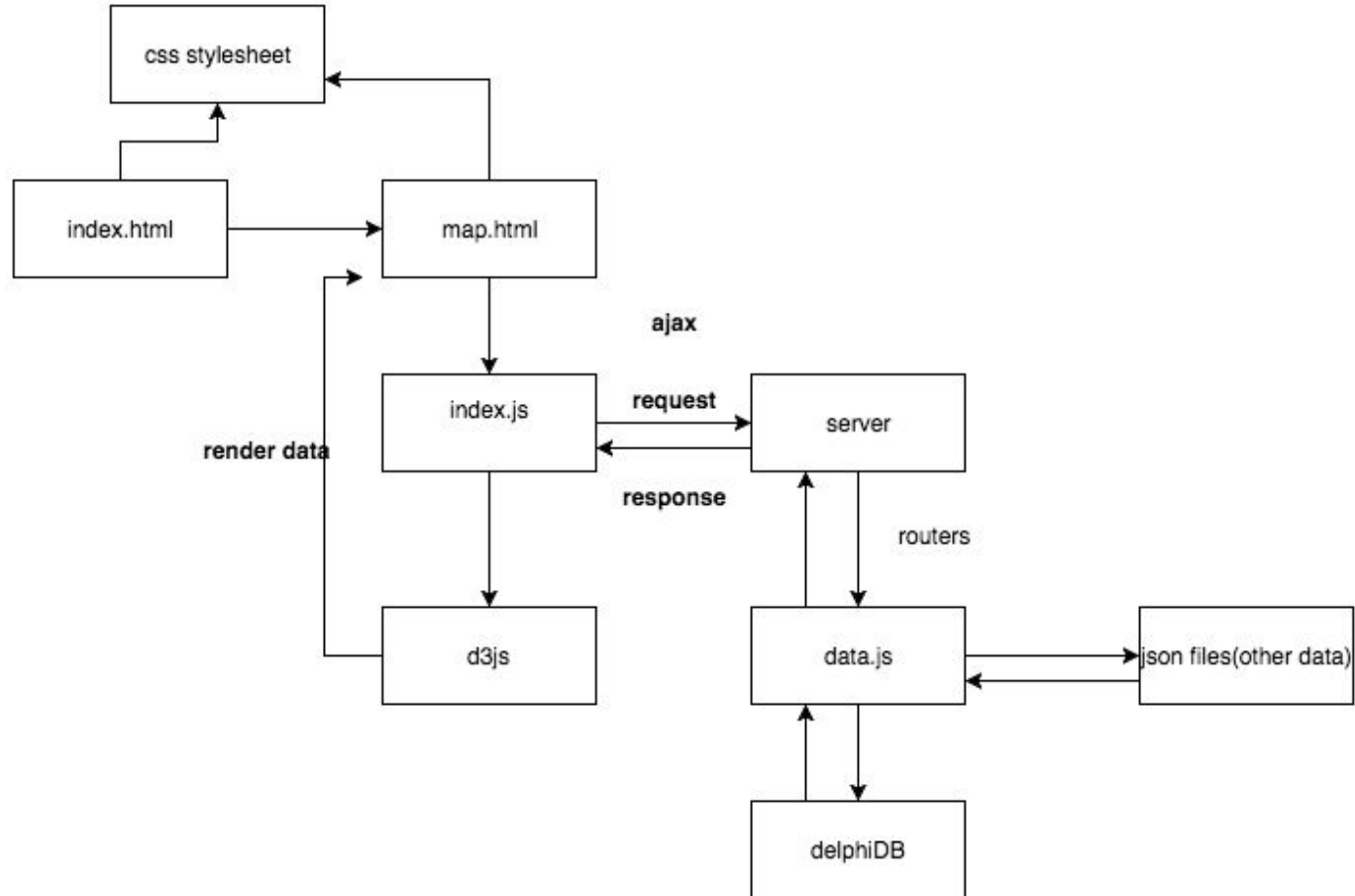


draggable menus

Our Solution & Key Features

<http://solosd.herokuapp.com/>

System Architecture



Technology



Technical Risks & Our Attempts

Unsuitable geo data in delphi

acquire our own data

Capturing lesser known areas

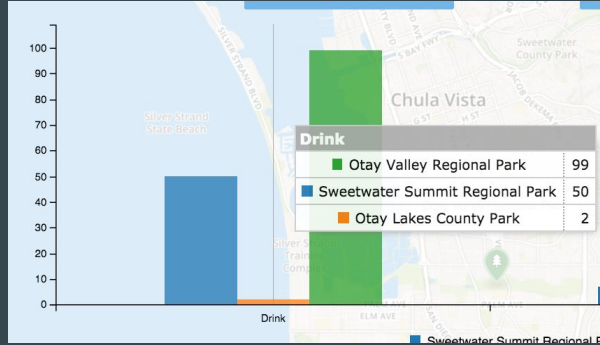
build our own db with json

Specific geo boundary

Geolocation

Possible routing

Feeling Quiet & Feeling Safe



Find the place with
less crowds

Flinn Springs County Park



nearest police station:
CHP - El Cajon Area Office
0.07 mi.
(Phone : (858) 200 4378)

nearest hospital:
EAST COUNTY URGENT CARE
0.07 mi.
(Phone: (800) 485 2284)

Helpful
contact
information

Distance to
closest
facilities

Goal Completed

Closing: Right/Wrong

❖ Right

- Acquiring data of places and marking it on the map.
- Saving locations for comparison along with viewing nearby locations such as police stations and health clinics.

❖ Wrong

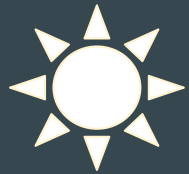
- Heroku not working as we hope. We would like to find a better hosting site that has better compatibility with our technology used.
- Not finding the proper data we needed from DELPHI.

Closing: **Lessons Learned**

- ❖ Always keep users in mind when developing. Make sure to iterate back and forth with them.
- ❖ Best to deliver features first then work on aesthetics.
- ❖ Make sure data you plan to use is reliable before developing a project around it.

The Future

- ❖ Journaling component
- ❖ Gamified System
- ❖ population density ratings + traffic rate depending on time of day



Questions?

Thank You