



DATA VISUALISATION

Place Finder App

2018

26 February ~ 25 March

Travel Agency

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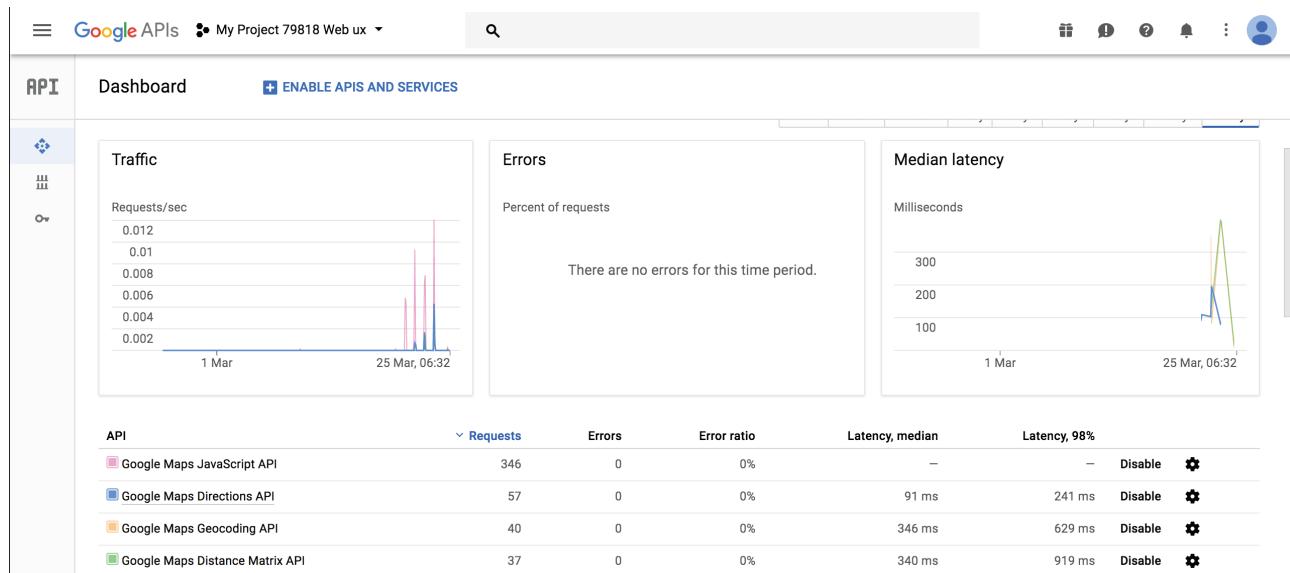
1. Research



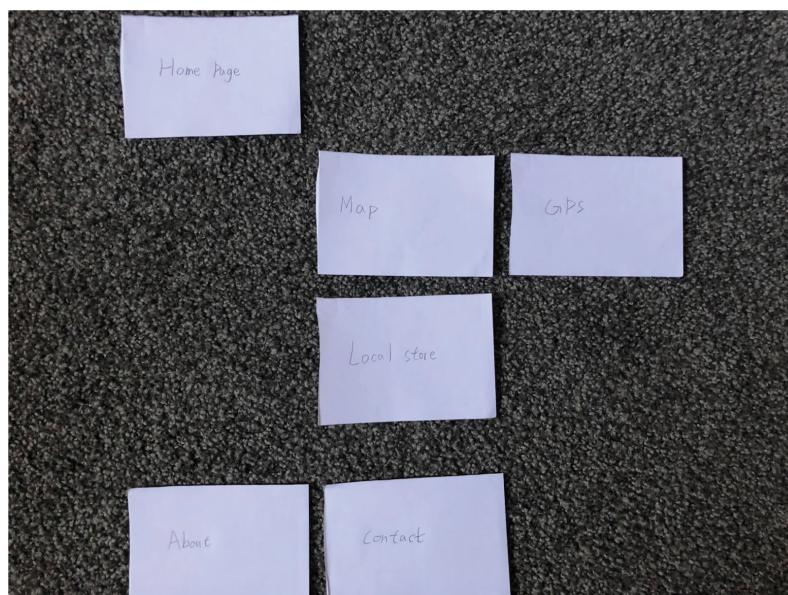
GPS app example



Google API



2. Card sorting and create external & internal documentation



3.style guide



Possible Colors



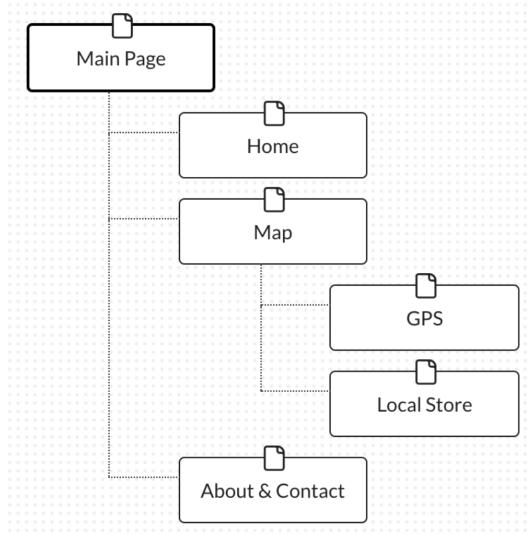
Style Tile

This is an example for header

This is an example for sub-header

This is an example for text

4.Site map



5.Personas

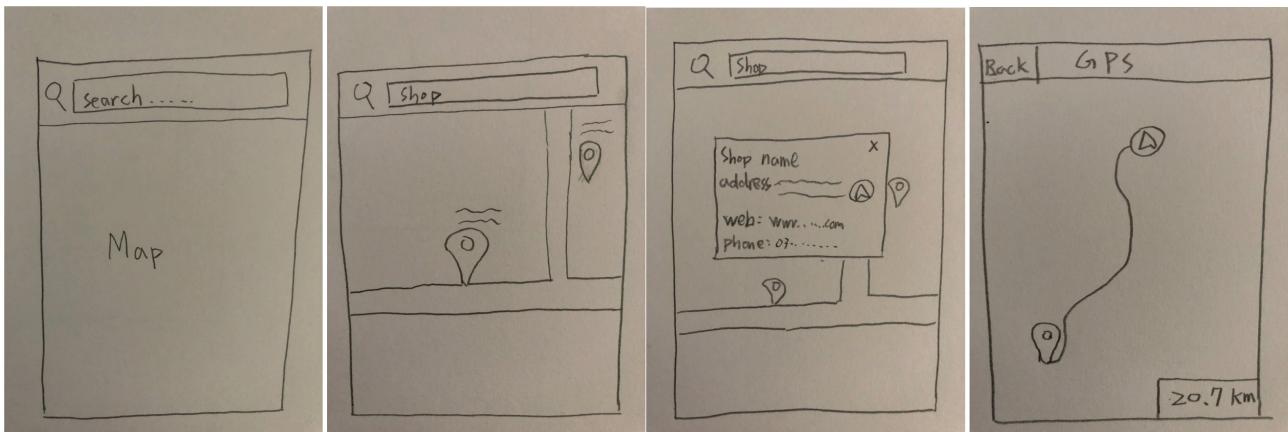
PERSONA NAME:	James Monster	SECTION 1: WHO?
BACKGROUND Job? Career path? Family?	<ul style="list-style-type: none">Traveler guideWorked at travel agency for 10 yearsNot married	
DEMOGRAPHICS Male or female? Age? Income? Location?	<ul style="list-style-type: none">Thailand maleAge 25-30Income: \$240,000	
IDENTIFIERS Demeanor? Communication preferences?	<ul style="list-style-type: none">Local traveler guideDriver guide	

 PERSONA NAME:	James Monster	SECTION 2: WHAT?
<p>GOALS Primary goal? Secondary goal?</p>	<ul style="list-style-type: none"> • Make the traveler happy and relax • Support local tourism industry turn out 	
<p>CHALLENGES Primary challenge? Secondary challenge?</p>	<ul style="list-style-type: none"> • Integrate local tourism industry information • Clearly indicate for travel guide 	
<p>WHAT CAN WE DO ... to help our persona achieve their goals? ... to help our persona overcome their challenges?</p>	<ul style="list-style-type: none"> • Integrate interface for local motels, restaurants and scenic spots • Integrate with GPS and guide teams' systems 	

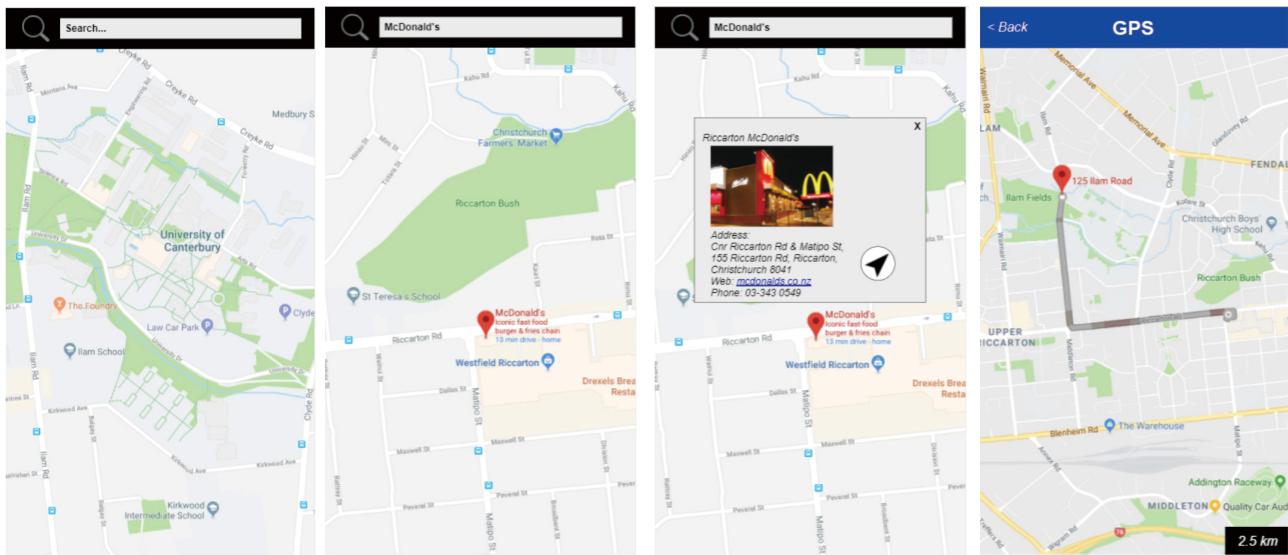
 PERSONA NAME:	James Monster	SECTION 3: WHY?
<p>REAL QUOTES About goals, challenges, etc.</p>	<ul style="list-style-type: none"> • "It's take long to booking local motels and restaurants." • "I've had to deal with so many painful integrations with different GPS and map." 	
<p>COMMON OBJECTIONS Why wouldn't they buy your product/service?</p>	<ul style="list-style-type: none"> • I'm worried I'll not suitable to a new system. • I don't want to have to train the new guide on how to use a new system. 	

 PERSONA NAME:	James Monster	SECTION 4: HOW?
<p>MARKETING MESSAGING How should you describe your solution to your persona?</p>	<ul style="list-style-type: none"> • Integrated a map-based interface with a GPS guide. 	
<p>ELEVATOR PITCH Sell your persona on your solution!</p>	<ul style="list-style-type: none"> • We give you an intuitive database that integrates with your existing map and GPS, and lifetime training to help new employees get up to speed quickly. 	

6.Low fidelity



7.High fidelity and User testing



User testing

Main page can add a slider at the bottom for some near local store.

Put a hide nav bar next to the search bar.

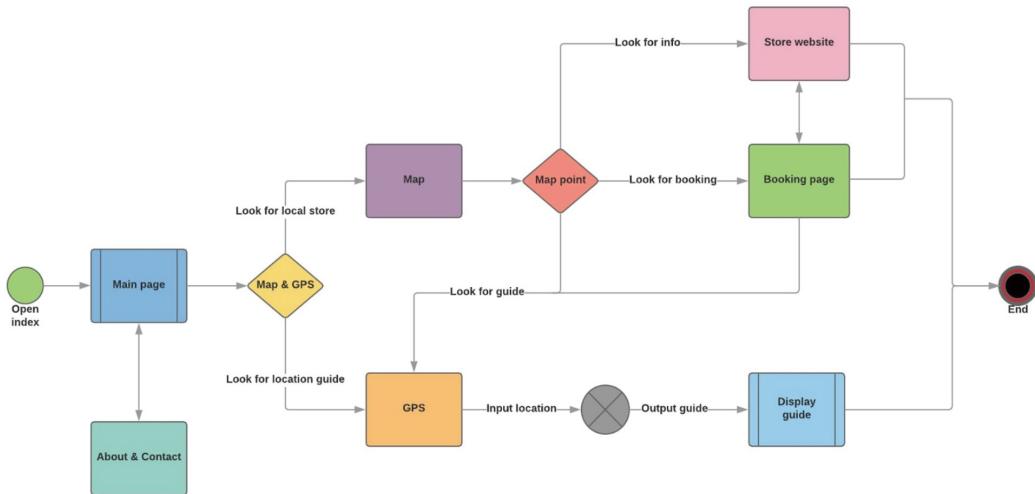
The GPS icon is not very clearly tell the user how to open the GPS function. Can add some guide information on it, ex: hover text.

For the GPS function, add a direction list to give the user more information for the guide.

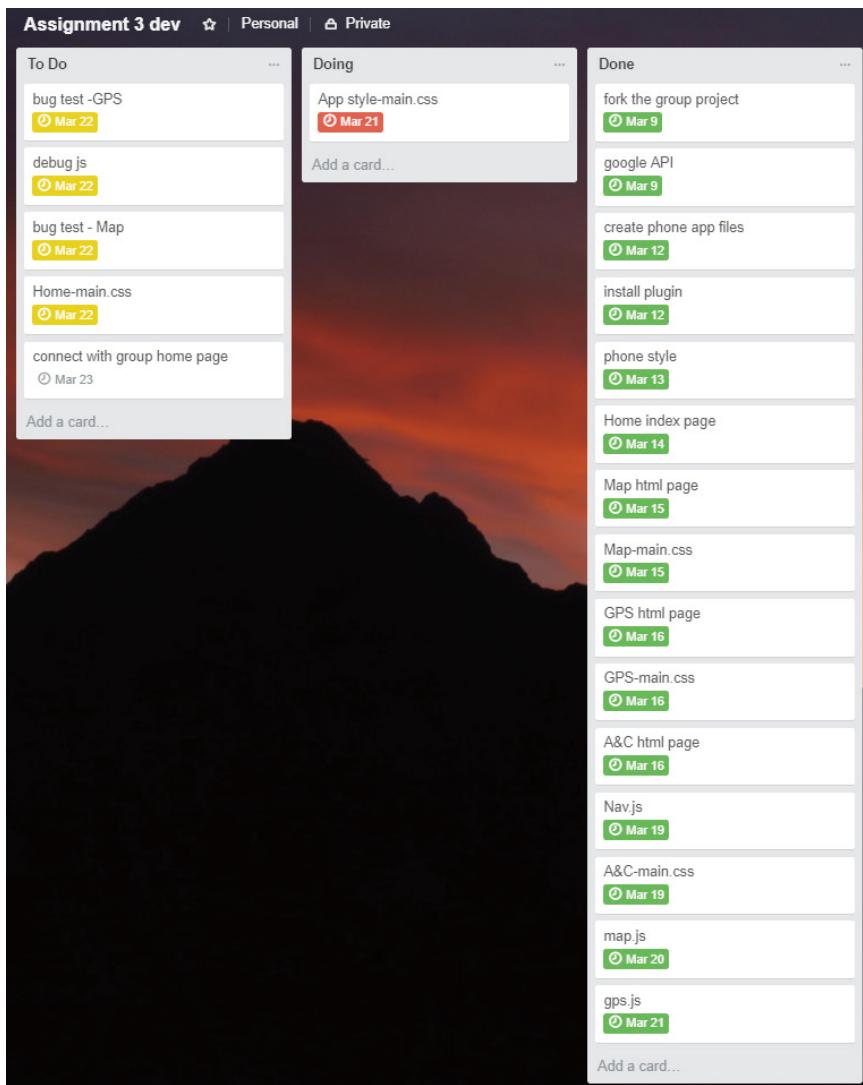
8.UML Diagram

ARIADUST PROJECT

Jesse Shiao | March 2, 2018

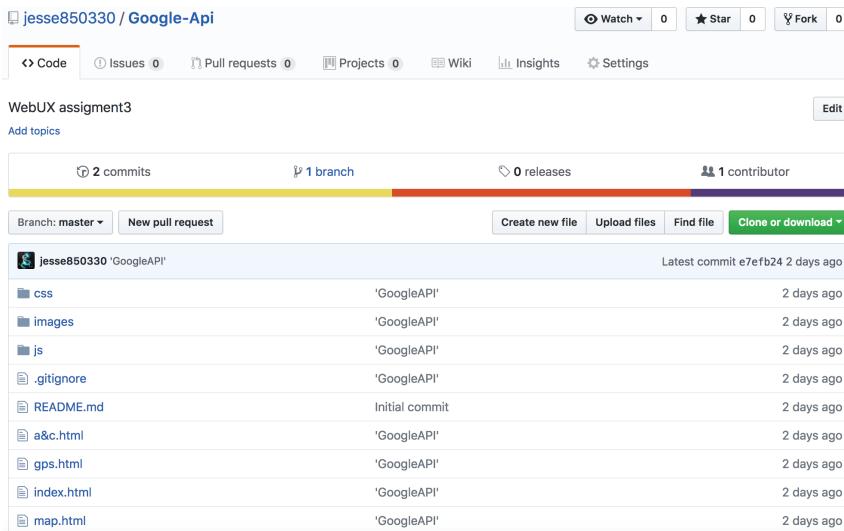


9.Time Manage



10. Repository

Github



jesse850330 / Google-Api

Code Issues Pull requests Projects Wiki Insights Settings

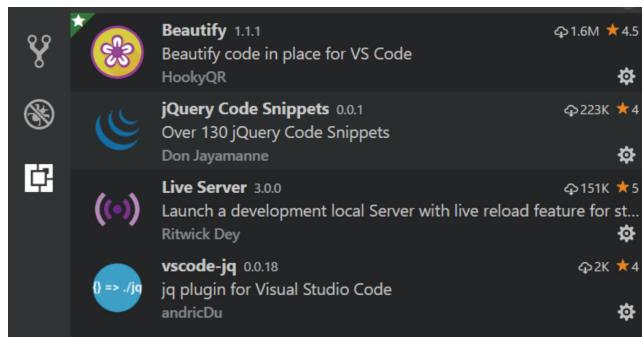
WebUX assignmet3 Edit Add topics

2 commits 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

jesse850330 'GoogleAPI'
 css 'GoogleAPI' 2 days ago
 images 'GoogleAPI' 2 days ago
 js 'GoogleAPI' 2 days ago
 .gitignore 'GoogleAPI' 2 days ago
 README.md Initial commit 2 days ago
 a&c.html 'GoogleAPI' 2 days ago
 gps.html 'GoogleAPI' 2 days ago
 index.html 'GoogleAPI' 2 days ago
 map.html 'GoogleAPI' 2 days ago

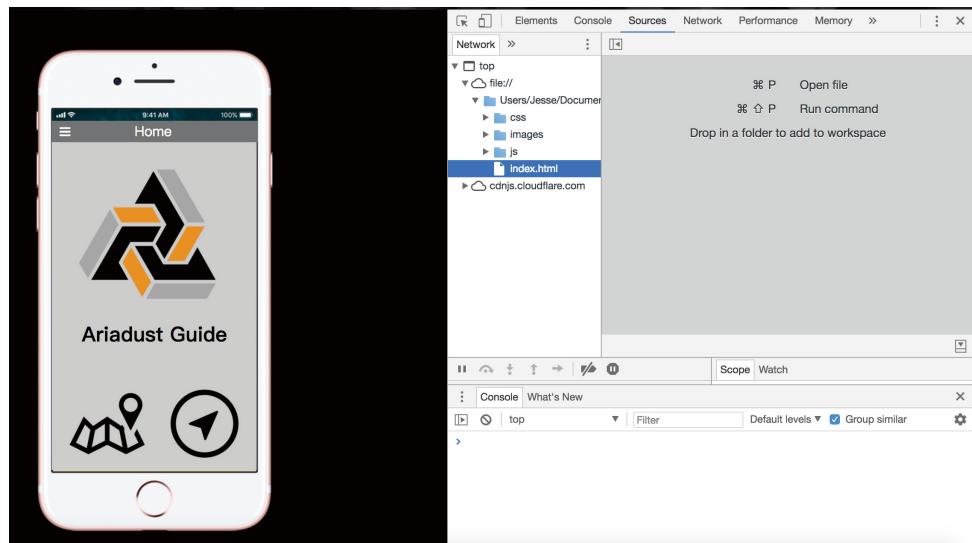
Visual Studio Code plugin



Css color picker



Chrome DevTools



Note:

This project didn't use any framework to develop because of the google javascript not work with Vue.js and other framework we learn in this course.

JS debug error

Those error is come from the google API DistanceMatrixService currently can't find any solution

```
✖ ► InvalidValueError: unknown property js?key=AIzaSyBk00YRg...callback=initMap:41
  origin-input
✖ ► InvalidValueError: unknown property js?key=AIzaSyBk00YRg...callback=initMap:41
  origin-input
✖ ► Uncaught TypeError: Cannot read property 'text' of undefined distance_matrix.js:4
  at gps.js:62
  at maps.googleapis.com.../zh_tw/common.js:53
  at nn.f (maps.googleapis.com.../zh_tw/common.js:15)
  at maps.googleapis.com.../zh_tw/common.js:53
  at distance_matrix.js:4
  at Zm.j (distance_matrix.js:3)
  at Object.c [as _34dxlj] (maps.googleapis.com.../zh_tw/common.js:47)
  at DistanceMatrixService.4dxlj&token=83629:1
② ► Uncaught TypeError: Cannot read property 'apply' of undefined geocoder.js:5
  at geocoder.js:5
  at geocoder.js:3
  at IU (geocoder.js:2)
  at Zm.<anonymous> (geocoder.js:3)
  at maps.googleapis.com.../zh_tw/common.js:53
  at nn.f (maps.googleapis.com.../zh_tw/common.js:15)
  at Zm.j (maps.googleapis.com.../zh_tw/common.js:53)
  at Object.c [as _8ayrfd] (maps.googleapis.com.../zh_tw/common.js:47)
  at VM72 GeocodeService.Search:1
```