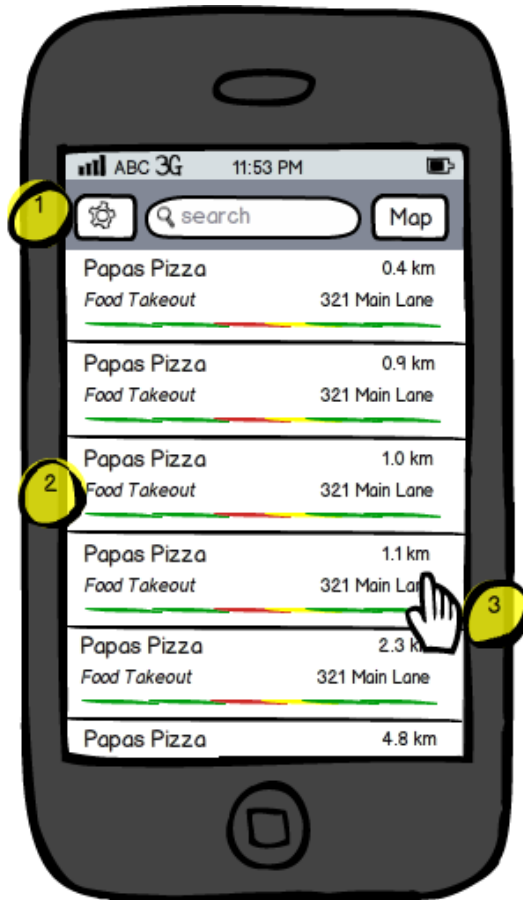


Idea: Show the most new fails/conditional inspections on the home screen of app. (from foo)



## Search Result - List View

Default View (Default search: Proximity)

1

Settings/Info button (goes to 'about' page and any app settings)  
Map button will perform flip animation (if easily doable) and flip the list view to show the map.

2

Search results.  
Default order is by distance from current location (if user allows), or (TODO: decide backup default order if no location info available)

3

Tapping a row goes to a detailed info page for that establishment.



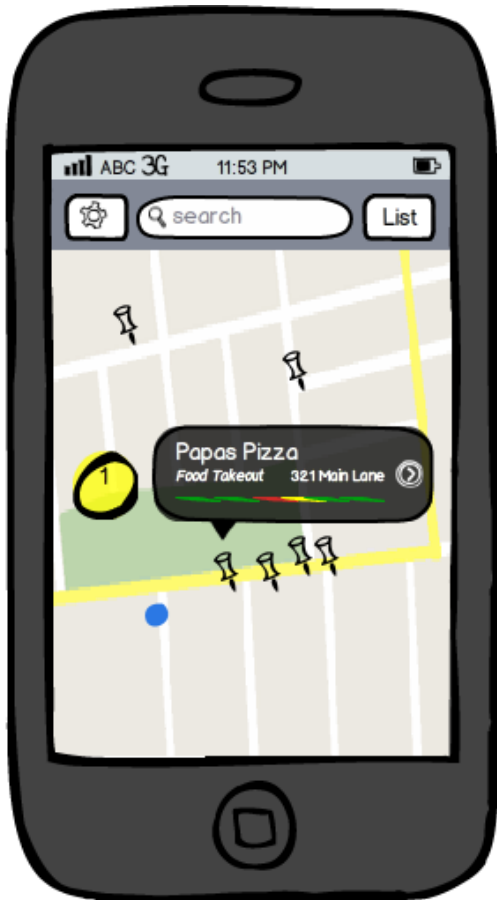
## Enter Search Terms



Eventually, show 'filters' under search bar when in searching view. (Or possibly have a separate filter button & page, not sure yet.) This could also be auto-complete.



List or map view in BG is greyed out, and keyboard appears. no search performed until "Return" pressed (i.e. no search as you type, for now)



## Search Result - Map View



Tapping a pin opens info box with place name and rating bar.

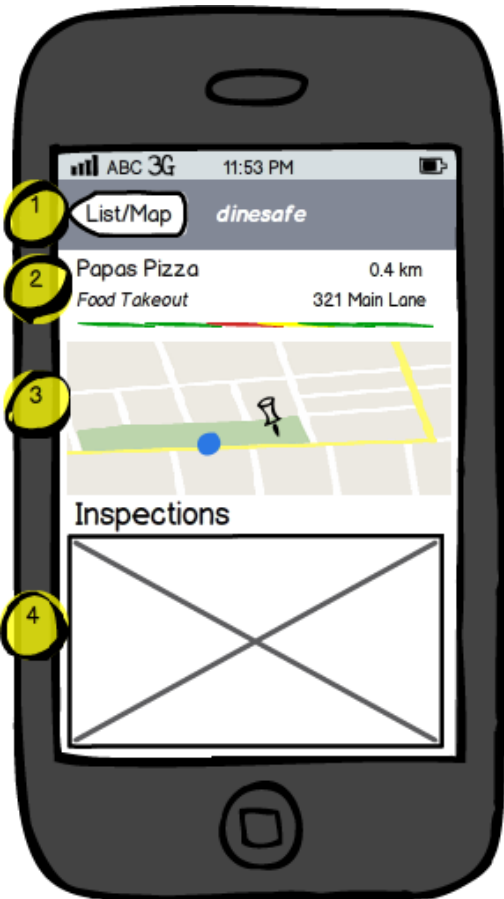
Ideal pins will incorporate the rating bar image as well, but that may have to come later.

Tapping an infobox goes to a detailed info page for that establishment.

● = current location

TODO:

Think about how a custom pin incorporating the scorebar would look.



Inspections	
Minimum Inspections per Year: 3	
2012	
Pass	October 10
Conditional	April 7
Fail	February 28
2011	
Pass	October 10
Conditional	April 7
Infraction Details	Operator fail to maintain hazardous food(s) at 4C (40F) or colder.
Severity	Crucial
Action	Notice to Comply
Court Outcome	Conviction - Fined
Amount Fined	\$460
Fail	February 28
2010	
Pass	October 10
Pass	April 7
Pass	February 28

### Establishment Detail Page

- 1 Back to List or Map view (wherever the user came from).
- 2 Summary info (as in list view?)
- 3 Map with Pin showing restaurant's location, and also show user's current location  
● = current location
- 4 List of all Inspections for establishment, listed in reverse chronological(?) order. See callout for details.

### Inspections View

- 5 Click an inspection to open details, if available.  
Not all fields are present for all inspections, so only show the non-blank fields.

# Score Bar

Colored bar that gives history of ratings in a glance.



Establishments can have 1, 2 or 3 inspections per year (possibly even more, as there is always another inspection a day or two after a conditional or fail).

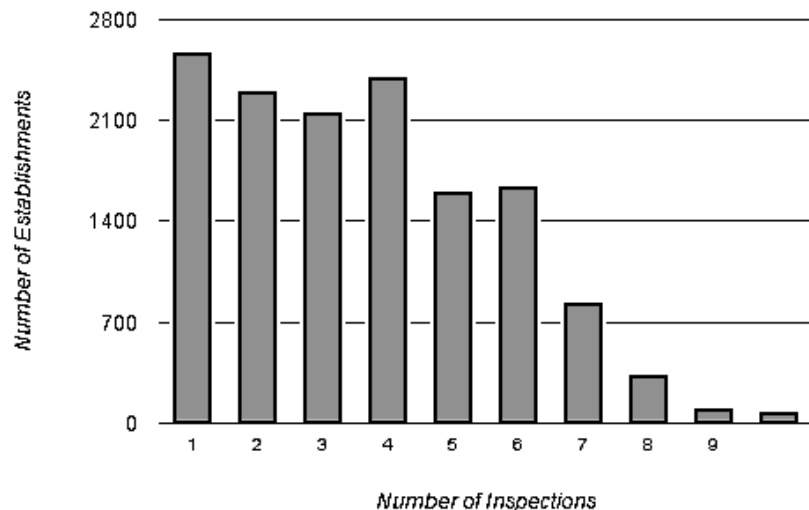
The options are:

- Add each inspection result to the bar at the same width, so ones with lots of inspections will have long bars, but places with less frequent inspections will be shorter. This might negatively affect places that always pass because they will only have 3 per year, and might appear to have a shorter history.
- \*\*\* WINNER SO FAR \*\*\* - Make each score bar the same width, and set the widths of all inspections to fit in the bar. This way, places with lots of inspections will have less wide bars but lots of them, but places with only a few will still have the same width. Probably won't show the divide between them, so any place with all-pass inspections will have a solid green bar.
- Make every year the same width, and fit all the inspections in that year within that width. I liked this idea the most at first, but now that I think about it, it gets complicated for years where the establishment wasn't active all year (i.e. they opened in december 2011 so only have one inspection that year, which would be given the width of the entire year). This is similar to the option above, but adds more complications when calculating the bar, and doesn't seem to provide any positive benefits.

The main purpose of the bar is to give an at-a-glance overview of an establishment, and I think number 2 will be successful in doing that. Anyone who's interested in the details can visit the inspection page to see the full inspection list.

Next step: Look at the inspection data and come up with examples of what some rating bars might look like, and try to find the edge cases (i.e. places with lots of inspections and places with very few).

Number of Inspections per Establishment



Most establishments have only 1-4 inspections. Only a small percentage of places have 10 or more inspections.

# Score Bar Examples

Colored bar that gives history of ratings in a glance.

## Conditional Pass / Fail Examples

These are the most interesting, but also the exception.

### TOP FOOD SUPERMARKET - Establishment 10257991

Summary: 17 inspections (2010: 12, 2011: 5)



### ACADEMY BILLIARDS - Establishment 9000278

Summary: 7 inspections (2010: 3, 2011: 4)



### BOMBAY PALACE - Establishment 9001756

Summary: 8 inspections (2010: 1, 2011: 7)



## Conditional Pass / Fail Examples (Alternate)

Exclude inspections performed a day or two after conditional/fails. See note below.

### TOP FOOD SUPERMARKET - Establishment 10257991

Summary: 17 inspections (2010: 12, 2011: 5)



### ACADEMY BILLIARDS - Establishment 9000278

Summary: 7 inspections (2010: 3, 2011: 4)



### BOMBAY PALACE - Establishment 9001756

Summary: 8 inspections (2010: 1, 2011: 7)



## Pass Examples

An obvious example of how scorebars for places with all Passes will look the same no matter how many inspections.

### GLENCREST VARIETY- Establishment 9006141

Summary: 1 inspections (2011: 1)



### MOXIE'S CLASSIC GRILL- Establishment 10226635

Summary: 7 inspections (2010: 3, 2011: 3, 2012: 1)



Note: A conditional pass or fail is by nature followed by a pass (i.e. the inspector comes back a day or two later to make sure they've made the necessary changes). Not sure if this should be represented in the graph in some way? Could possibly exclude passes that follow a conditional/fail, as that may give a better representation of an establishment's history? Or is it misleading?

The alternate scorebars basically follow the rule "select all inspections within the same week and only display the worst one".

Academy Billiards: The left bar makes it seem like they have passed 4 inspections and conditional/failed 3, which means they pass more often than not. The right scorebar tells a different story: they only passed once and conditional/failed the rest. Obviously they are capable of clearing up their act after a conditional pass but then by the time the next inspection comes around, they are not up to snuff.

I think I like the alternate one the best, but think about it. Make sure it's not excluding data unfairly... Either way, be sure the app includes an explanation of how scorebars are made.

# Score Bar Examples 2

Use blocks to show score instead of a continuous bar. (foo suggestion)

## TOP FOOD SUPERMARKET - Establishment 10257991

Summary: 17 inspections (2010: 12, 2011: 5)



## ACADEMY BILLIARDS - Establishment 9000278

Summary: 7 inspections (2010: 3, 2011: 4)



## BOMBAY PALACE - Establishment 9001756

Summary: 8 inspections (2010: 1, 2011: 7)



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## Pass Examples

An obvious example of how scorebars for places with all Passes will look the same no matter how many inspections.

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# Score Bar Examples 3

Try showing the date in the scorebar, and other ideas of how to display this info.



Year and Month. A bit cluttered, perhaps? Could use the month number instead of name.



Year only. Also use a darker bar between years to separate. (Month detail available on the establishment's page.)



Just bars to separate the ratings. Details available on establishment page.



Dots to separate instead of bars. (Can't do it here, but dots should actually be semi-transparent, and even smaller -- going for subtlety)



Same as above, but with years.



Another option to show that conditionals/fails were followed by a pass.



Another option to show that conditionals/fails were followed by a pass.



# Score Bar Examples 4

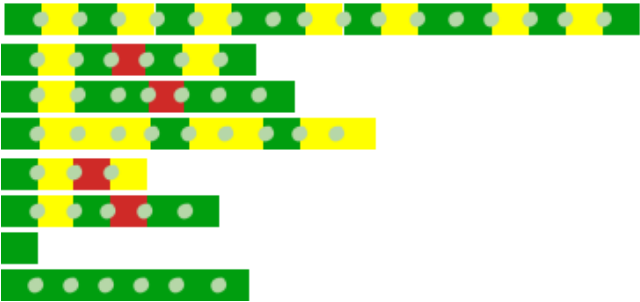
All blocks equal size & square, but no space between



All blocks equal size & rectangular, but no space between



Same as above, but with dots



Same as above, but with dots



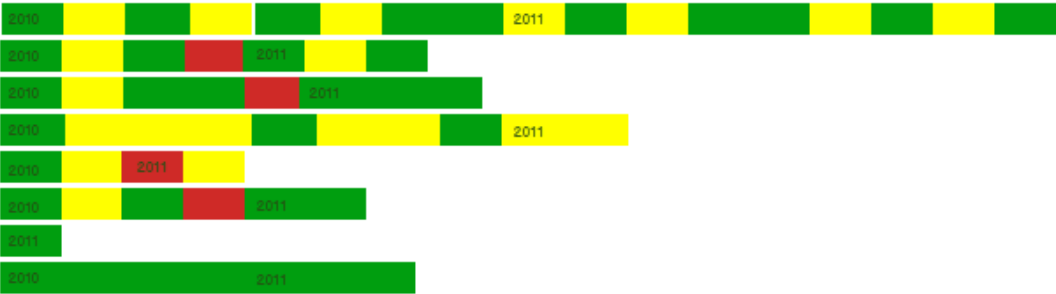
# Score Bar Examples 5

Same as previous page, but with years added.

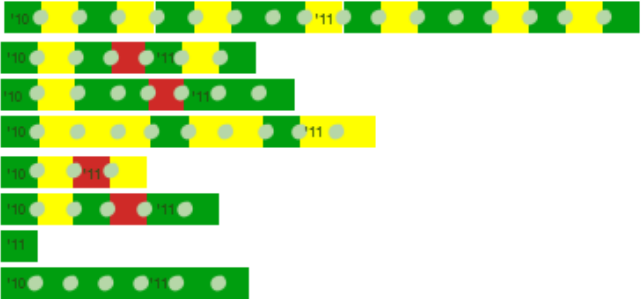
All blocks equal size & square, but no space between



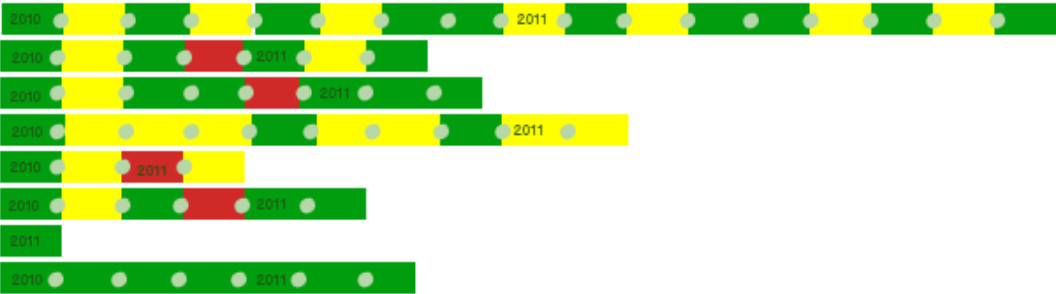
All blocks equal size & rectangular, but no space between



Same as above, but with dots



Same as above, but with dots



# Score Bar Examples 6

Similar to previous page, but equal length



It's clear now why bars of equal length are not the best option.  
Hard to distinguish number of inspections.  
Place with 1 inspection looks similar to place with 8, and that's not good!

