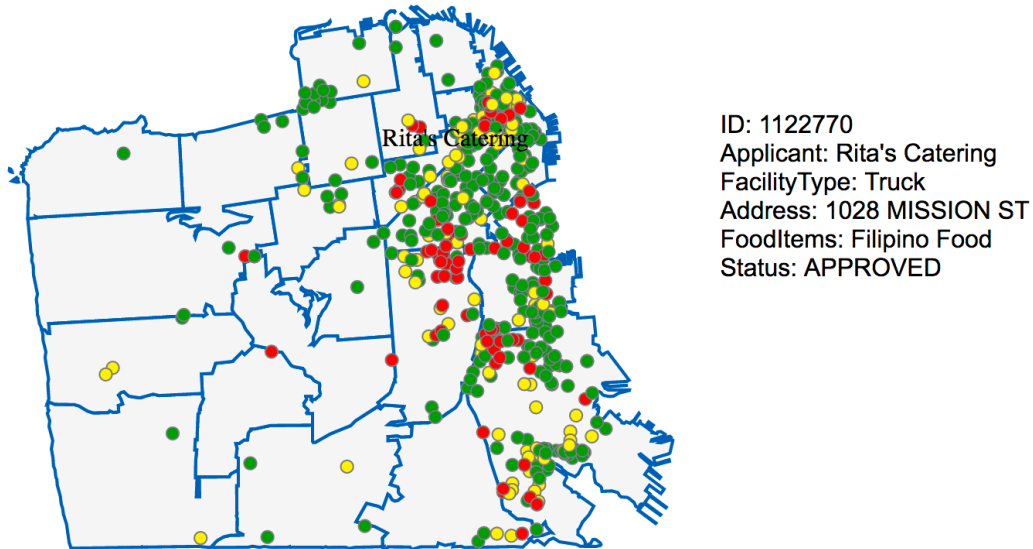


Homework 3 (1/ 21/ 2019)

San Francisco Food Map

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I created this visualization with the dataset “San Francisco Mobile Food Facility Permit”. The left view is a map of San Francisco, with each dot as a mobile food facility. The color of the dots represents their current application status. Green means “approved”. Red means “Rejected”. Yellow means “suspend or requested”. I choose the same color code with the traffic light. So users will know the meaning according to intuition. The right view is some detailed information about the currently selected dot.

There are two kinds of basic interaction of the system. The first is who the mouse move over a certain dot, the detailed information about the food facility will appear on the right panel. The second interaction is that the page will jump to a new page with schedule when the user clicks on a certain dot.

One thing you may need to pay attention to is that the dots may not appear when you open the .html file at first, because of the asynchronous running process of Javascript. If so, just refresh the page for one or two times, and the dots will appear.

I think using map to present geographical data is the most ideal way in this case. The address of the food facilities is encoded with location, and the “application status” are encoded with color. I also tried to add zoom in/out function for this interface. Because of time limitation, it still doesn’t work. I will continue to work on this and submit an updated version later this week.