

<NYC HS Data Analysis>

Description:

Our project is an overview of New York City High School data. From the breakdown of the schools via race, gender socioeconomic statuses to the amount of money spent on students per year by the government, we hope to observe our data to figure out if there are any trends in school performance, spending, and general demographics of our NYC public high school students.

Basic Features:

- Ability to view information in
 - Pie chart
 - Line graph

Description of data sets:

2015-2016 Demographic Data - Grades 9-12 School

A collection of data regarding each school, including the demographic breakdown of students that are English language learners, in poverty, reside in temporary housing or have disabilities.

New York City School Spending Per Student

Data that illustrates the progression of various school spending indicators over time and show the variability in school spending indicators across New York City community school districts and boroughs.

School District Breakdowns

Data on demographic statistics (like the number of students that receive public assistance or the percentage of permanent resident aliens) broken down by school districts.

Overview of Components:

- D3
- Flask w/ Python
- JS/CSS/HTML

Breakdown of Tasks:

Maggie: Map Chart

Karen: Line Graphs

Clara: Pie Chart

Kaitlin: Data, Frontend

Timeline:

03/28: Work on design document (make sure to flesh out all details)

03/29: Creating basic flask app and start looking over data

03/30: Implement fundamental templates and parsing data

03/31: Create graphs from the data

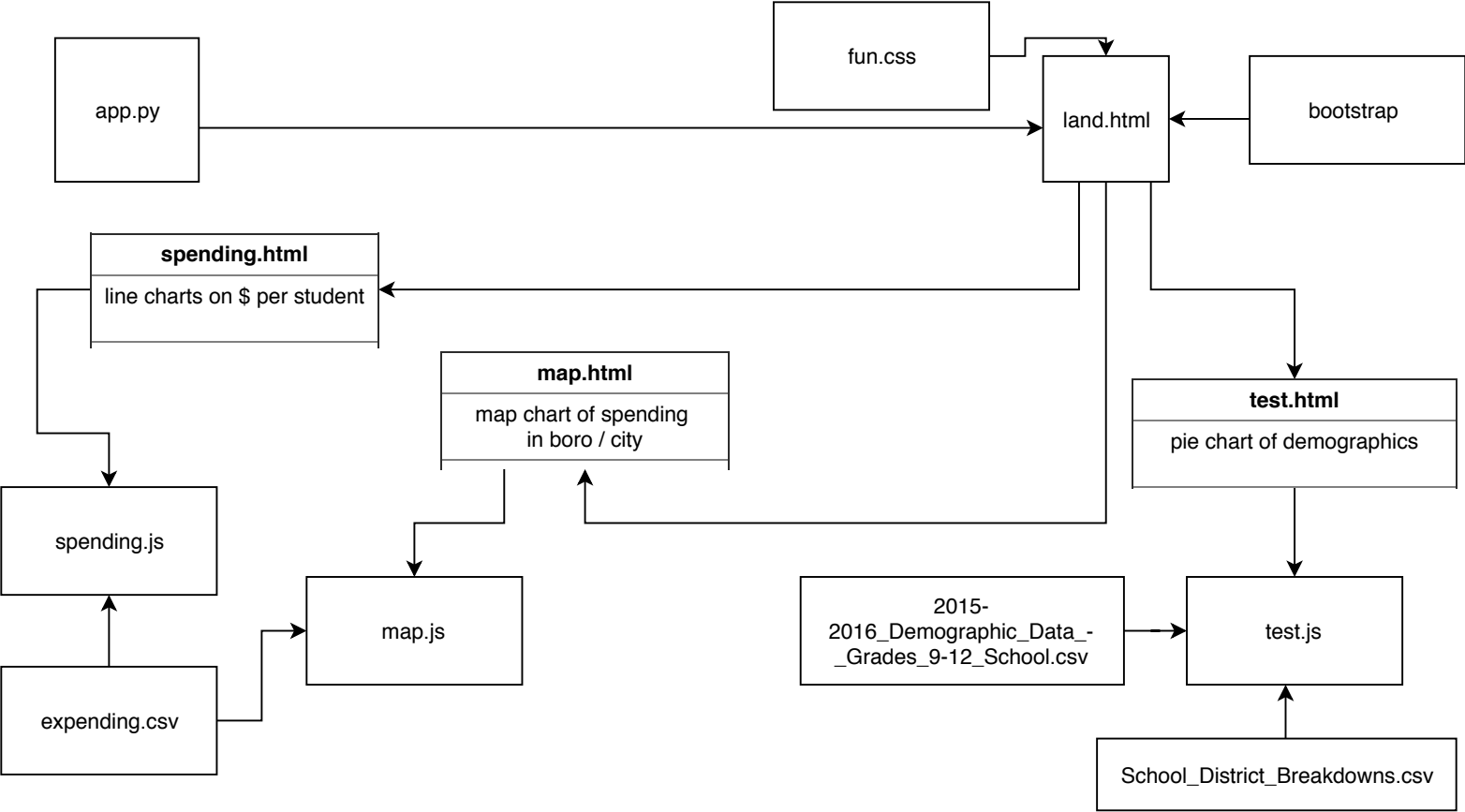
04/01: Implement all graphs

04/02: Create a landing page for a starting point

04/04 to end: Polish + Finish

Component Map (3)

Front End (4)



Team poppins

HEADING

Description

1 2 3

Selection for display

pie chart

selection for display

map of nyc

selection for display

