

# Stuy's Student Organizations

By Team Wack

## Developers:

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- Harry Lum
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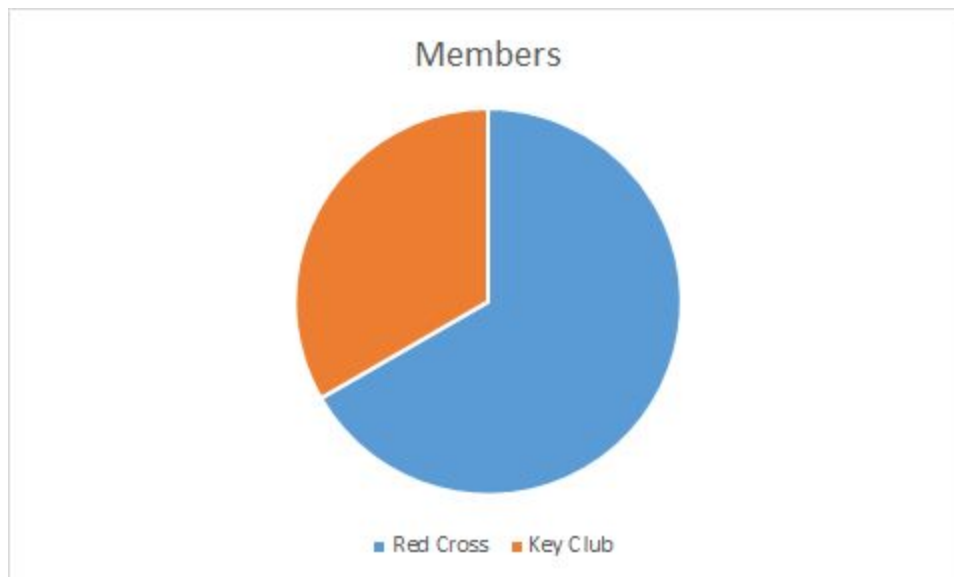
## About Us:

Our goal is to display information about student participants within Stuy's student organizations, namely Red Cross and Key Club.

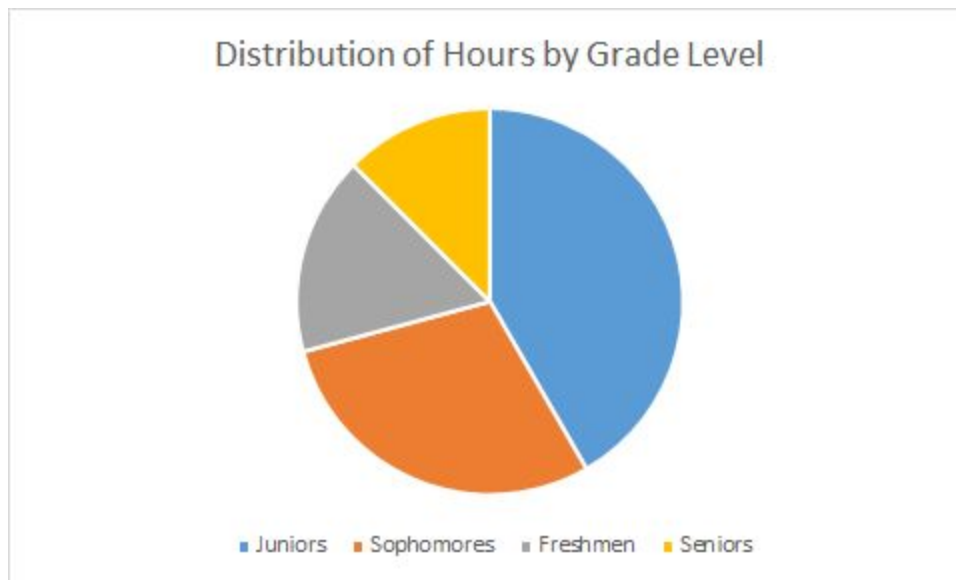
## Types of Data:

Most data will be over a period of four years, separated by grade level.

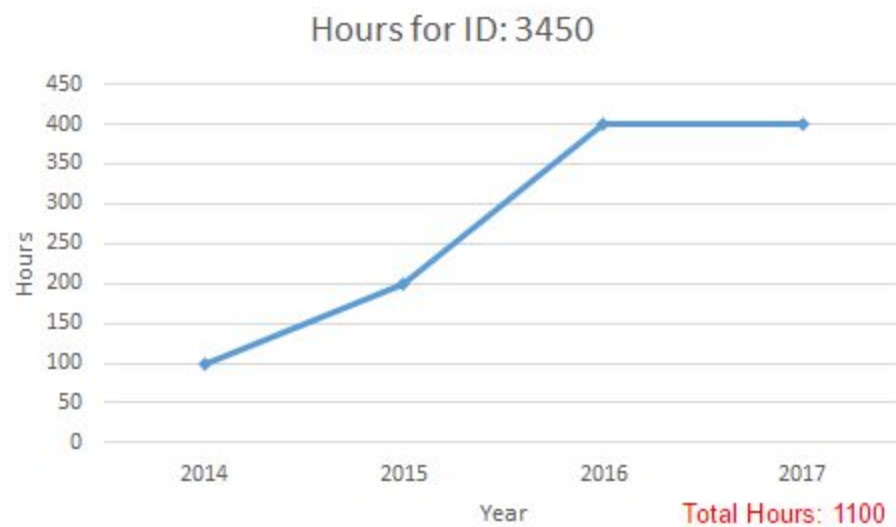
- number of students in each club



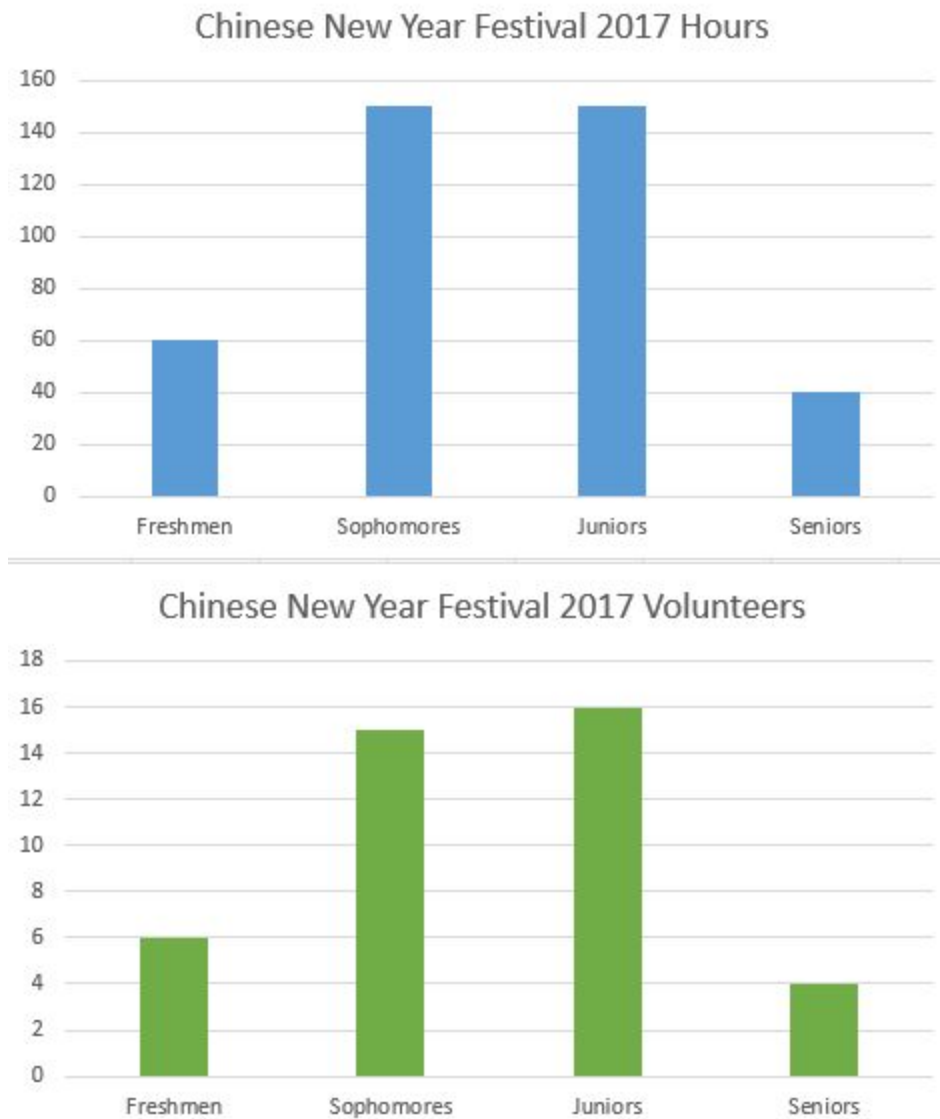
- total volunteer hours



- individual volunteer hours by ID



- data for events (volunteers, total volunteer hours)

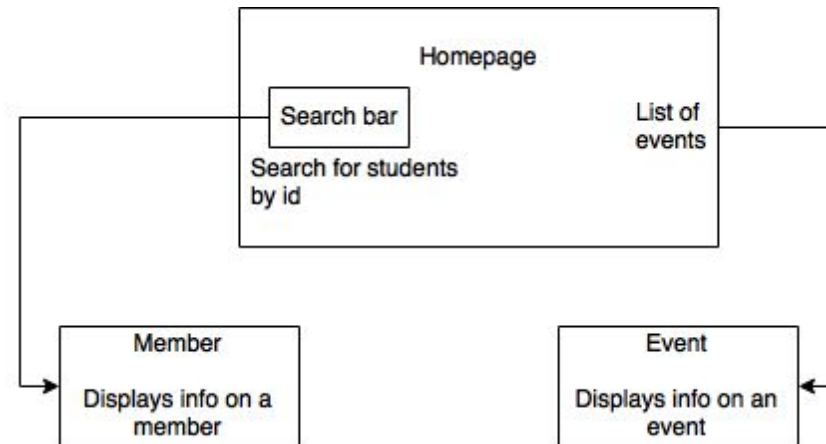


### Primary Data Source

Jason (as the Red Cross president with connections to Key Club board members)

## Front End:

### Site Map:



# Back End:

## File Distribution

### **sso/**

app.py

### **templates/**

homepage.html : displays general charts on the organizations

member.html : displays information on a member

event.html : displays information on an event

### **data/**

database.db : will store data from csvs in **csv/**

### **csv/**

rchours.csv : contains data for volunteers in Red Cross

rcevents.csv : contains data on events in Red Cross

kchours.csv : contains data for volunteers in Key Club

kcevents.csv : contains data on events in Key Club

### **utils/**

\_\_init\_\_.py

hours.py : will fetch data on volunteer hours for both organizations

events.py : will fetch data on events for both organizations

### **static/**

**images/** : will contain any images necessary

**css/** : will contain required bootstrap or foundation css files)

default.css : will be used for all templates

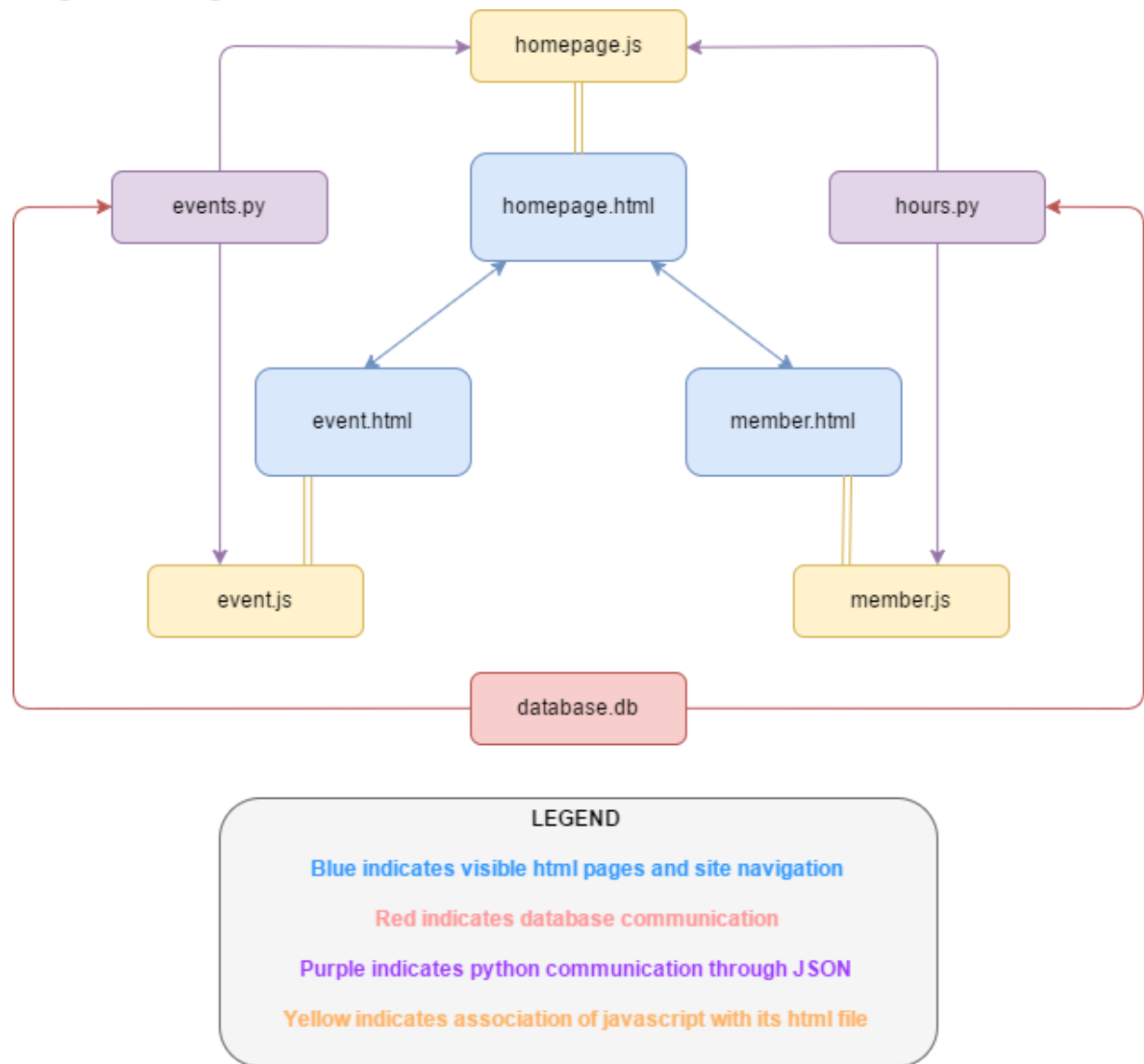
**js/** : will handle d3 and events for their respective templates

homepage.js

member.js

event.js

## Component Map:



## Timeline:

We will split the work accordingly for each deadline. The details will be recorded in the devlog.

3/29: Complete design document, finish organizing csv data

3/30: Work on templates and complete functions for reading csvs

4/02: Finish templates and python functions, switch to working on d3 and css

4/03: Continue working on aesthetics and d3 until due date