

AA Locations

The default view for the AA Meetings will be a fixed map with all meetings displayed as map icons, grouped by geolocation. On click of any of the icons a sidebar will load with the a collapsible accordion with the data for each meeting at that location, displaying the meeting name and any secondary location information provided, such as cross streets and room details. For each meeting at the designated location, the building name and location will display at the top of the sidebar (address, location) accordion label will load with meeting name, additional location information and if provided, wheelchair accessibility (name, add2, and access -see json screenshot below). On click for each meeting, any additional details and all meeting days and times will load.

A secondary sort option persists at the fixed header, where the user will have the option to see all meetings in the city within the next 12 hours. Ideally user research would better inform the time range, or provide the user to indicate a time range and/or location. However, time constraints will limit the sort options to location and upcoming 12 hours. If time allows, an additional sort option by Day of week may be presented, which would require aggregation of the existing data.

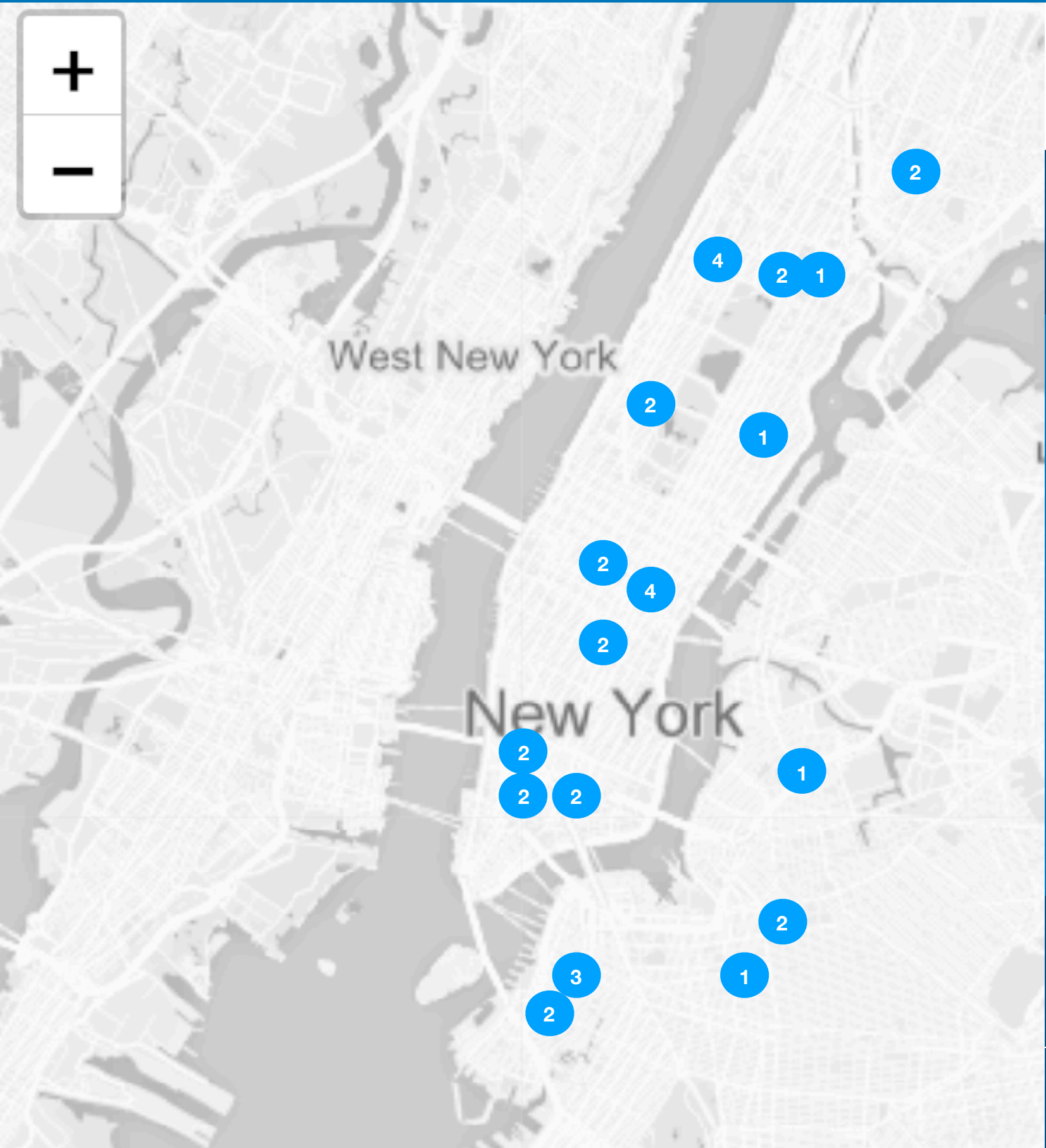
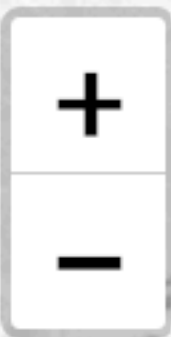
```
1 // 20181129082723
2 // file:///Users/colleenmccaffrey/Documents/Data%20Structures/data-
  structures/assignment2/data/m10-addresses.json
3
4 [
5   {
6     "address": "701 West 168th Street @ Fort Washington Avenue",
7     "add2": "Hammer Health & Science Library NY 10032",
8     "location": "Columbia Presbyterian Hospital",
9     "name": "A NEW WAY OF LIVING - A New Way Of Living",
10    "details": "Check with Security for Room # T Last Thu, Living Sober & Anniv Last Fri.
    No meetings on public holidays",
11    "access": "Wheelchair access"
12  },
13  {
14    "address": "715 West 179th Street",
15    "add2": "(Betw Bway & Fort Washington Avenue) NY 10033",
16    "location": "Holy Rood Church",
17    "name": "BRIDGE TO SOBRIETY (:I) - Bridge To Sobriety",
18    "details": "Living Sober Last Tuesday, T Last Wednesday",
19    "access": "NA"
20  },
21  {
22    "address": "715 West 179th Street",
23    "add2": "corner of Fort Washington Avenue 10040",
24    "location": "Holy Rood Church",
25    "name": "BRIDGE TO SOBRIETY (:II) -",
26    "details": "10th Step",
27    "access": "Wheelchair access"
28  },
29  ]
```



New York City AA Meetings

See all upcoming meetings
within next 12 hours

Meeting Now



Columbia Presbyterian Hospital
701 West 168th Street @ Fort Washing-n Avenue

A NEW WAY OF LIVING - A New Way Of Living
Hammer Health & Science Library

 **Wheelchair accessible**

Check with Security for Room # T Last Thu, Living Sober & Anniv Last Fri. No meetings on public holidays

Thursdays 12:00 PM - 1:00 PM
Step meeting

Fridays 12:00 PM - 1:00 PM
Closed Discussion meeting
Special Interest Living Sober

Mondays 12:00 PM - 1:00 PM
Big Book meeting

Tuesdays 12:00 PM - 1:00 PM
Beginners meeting

Wednesdays 12:00 PM - 1:00 PM
Closed Discussion meeting

Tuesdays 12:00 PM - 1:00 PM
Beginners meeting

Wednesdays 12:00 PM - 1:00 PM
Closed Discussion meeting

Living Example Meeting
Basement

Another Thursday Meeting
room 2

Dear Diary

single day view - additional data from son will be displayed here. user can click on individual days from larger table to get detailed view of individual day. Default view is of individual day. Large plus sign indicates daily goal was met. (example data below)

Friday

rainy and cool

11/30

65

sleep

+

exercise

+

motivation

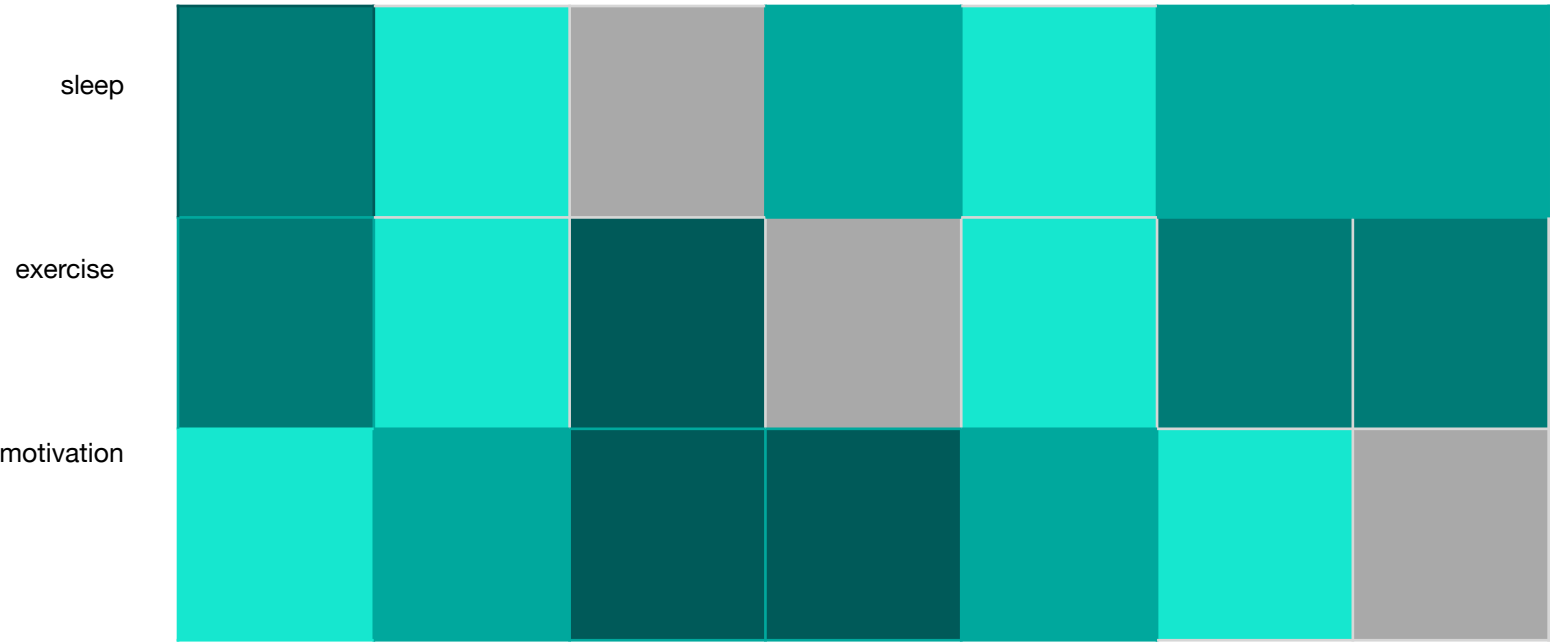
45 minute run

Felt tired and thirsty after

key					
sleep	< 5 hours	-	> 5 < 7	-	>= 7
exercise	none	15mins	30mins	45mins	>= 60 minutes
motivation	none	low	medium		high

week view

date



key

sleep	< 5 hours	-	> 5 < 7	-	>= 7
exercise	none	15mins	30mins	45mins	>= 60 minutes
motivation	none	low	medium		high

```

1 // 20181130083620
2 // http://localhost:8080/deardiary
3
4 [
5   {
6     "fitness": {
7       "M": {
8         "exercise": {
9           "BOOL": true
10        },
11        "details": {
12          "M": {
13            "type": {
14              "S": "run"
15            },
16            "duration": {
17              "S": "45 minutes"
18            },
19            "feel_after": {
20              "S": "very tired and thirsty"
21            }
22          }
23        },
24        "motivation": {
25          "S": "low"
26        }
27      },
28    },
29    "sleep": {
30      "BOOL": false
31    }
32  }
33 ]

```



```

⊕  ▼ fitness Map {3}
⊕    ▼ details Map {3}
⊕      duration String : 45 minutes
⊕      feel_after String : very tired and thirsty
⊕      type String : run
⊕      exercise Boolean : true
⊕      motivation String : low
⊕      pk String : Thu Oct 11 2018
⊕      sleep Boolean : false
⊕  ▼ weather Map {2}
⊕    condition String : rainy and cool
⊕    temperature Number : 78

```

Sensor Data

sensor data counts number of 20 ounce bottle of water consumed in a 24 hour day. Visualization is representative of current day's water intake. Each vertical hash represents 10 ounces. The circle will complete itself in thirds as the water is consumed, with goal being to close the circle by consuming 3-20 ounce bottles of water through the day. unconsumed water will be indicated with a grey stroke. the lines fill bottom to top first, then left to right, This visualization can be included in the dear diary single day view as supplemental date for a holistic health overview.

The current state of the data is not what will be used, the sensor data requires functions to calculate water consumed by force pressure sensor indication and also to reset to zero daily.



```
// 20181130083747
// http://localhost:8080/sensor

[
  {
    "sensorsday": 21,
    "num_obs": "1.8905472636815928"
  },
  {
    "sensorsday": 22,
    "num_obs": "1.9124087591240876"
  },
  {
    "sensorsday": 23,
    "num_obs": "1.800805800058008"
  },
  {
    "sensorsday": 24,
    "num_obs": "2.4073422382671488"
  },
  {
    "sensorsday": 25,
    "num_obs": "2.3308270676691729"
  },
  {
    "sensorsday": 26,
    "num_obs": "2.3071428571428571"
  }
]
```