Feature list

* Fetch location from IP address to display weather data on page load
  + <http://api.weatherstack.com/current?access_key=71170cb96da7a4ae07be129b73604e2a&query=fetch:ip&units=f>
* navigator.geolocation.getCurrentPosition((position=>{ console.log("this is your current LAT",position.coords.latitude)  
   console.log("this is your current LONG",position.coords.longitude)}))
* Search Bar to enter specific location
  + City, state, country
  + Only City is required
* Set default location – research how to store default between session (cookies?)
* Weather information

Current Conditions

* + https://api.weatherbit.io/v2.0/current?key=367fe182e3524d8fa57fc76ede94121e&units=I&city=Beaver Dam&state=WI

"data": [

{

"rh": 81,

"pod": "d",

"lon": -86.87583,

"pres": 998.5,

"timezone": "America/Chicago",

"ob\_time": "2020-08-21 18:04",

"country\_code": "US",

"clouds": 75,

"ts": 1598033040,

"solar\_rad": 648.3,

"state\_code": "KY",

"city\_name": "Beaver Dam",

"wind\_spd": 4.6,

"wind\_cdir\_full": "south-southeast",

"wind\_cdir": "SSE",

"slp": 1013.4,

"vis": 3.1,

"h\_angle": 0,

"sunset": "00:32",

"dni": 917.53,

"dewpt": 71.9,

"snow": 0,

"uv": 4.76557,

"precip": 0,

"wind\_dir": 161,

"sunrise": "11:11",

"ghi": 937.32,

"dhi": 120.9,

"aqi": 25,

"lat": 37.40199,

"weather": {

"icon": "c04d",

"code": "804",

"description": "Overcast clouds"

},

"datetime": "2020-08-21:18",

"temp": 78,

"station": "F6456",

"elev\_angle": 63.99,

"app\_temp": 79.2

}

],

"count": 1

}

Forecast

* https://api.weatherbit.io/v2.0/forecast/daily?key=367fe182e3524d8fa57fc76ede94121e&units=I&city=Beaver Dam&state=WI&days=7

"data": [

{

"moonrise\_ts": 1598022520,

"wind\_cdir": "ESE",

"rh": 79,

"pres": 995.817,

"high\_temp": 81.2,

"sunset\_ts": 1598056360,

"ozone": 299.003,

"moon\_phase": 0.21638,

"wind\_gust\_spd": 6.7,

"snow\_depth": 0,

"clouds": 82,

"ts": 1597986060,

"sunrise\_ts": 1598008329,

"app\_min\_temp": 72.3,

"wind\_spd": 3.7,

"pop": 0,

"wind\_cdir\_full": "east-southeast",

"slp": 1012.42,

"moon\_phase\_lunation": 0.12,

"valid\_date": "2020-08-21",

"app\_max\_temp": 85.5,

"vis": 15,

"dewpt": 70,

"snow": 0,

"uv": 3.41705,

"weather": {

"icon": "c04d",

"code": 804,

"description": "Overcast clouds"

},

"wind\_dir": 114,

"max\_dhi": null,

"clouds\_hi": 55,

"precip": 0,

"low\_temp": 63.7,

"max\_temp": 81.3,

"moonset\_ts": 1598065548,

"datetime": "2020-08-21",

"temp": 77.3,

"min\_temp": 67.8,

"clouds\_mid": 79,

"clouds\_low": 38

Tasklist

1. create Github repo
2. create project structure
3. add planning directory
4. create app.js
5. create app.css
6. create nav.js
7. create nav.css
8. create weatherInfo.js
9. create weatherInfo.css
10. create forecastDetail.js
11. create forecastDetail.css
12. research storing default location value

**Responsibilities**

Scott

* create nav.js
* create nav.css
* research storing default location value

Korby

* create Github repo
* create project structure
* add planning directory
* create weatherInfo.js
* create weatherInfo.css

Brian

1. create app.js
2. create app.css
3. Fetch lat/log
4. create forecastDetail.js
5. create forecastDetail.css