

Goal:

This sprint requires us to improve lefthand navigation bar features, improved search capabilities, and feed real data from the Amazon RDS into the webapp.

Tasks:

1. As a user, I want useful features from the left hand navigation bar that will supply me with immediate relevant data. (8 s.p.)
 - a. Different options must direct the user to different parts of the webapp.
2. As a user, I want real data across a week and day so I may monitor my fields closer. (5 s.p.)
 - a. Upon startup, a Node.js script needs to access the Amazon RDS directly (previously, we had a useful API)
 - b. The parser must be re-written to read the output of that Node.js script so that the current graphs can accomodate that data.
3. As a user, I want a search feature that lets me find various kinds of specific data quickly, and directs me to the relevant data. (13 s.p.)
 - a. The Vue.js search feature must be given various/multiple parameters for search.
 - b. Upon the search button being hit, a dynamic Node.js script must run to make specific SQL queries.
 - c. Queries must be parsed into a format that the webapp can display output for.
 - d. Sensor IDs from a specific range must act as links to their own graphs.

4. As a user, I want to be notified quickly when my sites have environmental parameters outside of comfortable boundaries. (13 s.p.)
 - a. A parser reading user data from the RDS must detect when the most recent variable is beyond acceptable limits, and signal an error.
 - b. Signaled errors must be fed into an array of JSON objects that Vue.js can read into a medium-priority notification page.
 - c. High priority errors must appear in a drop-down window upon being clicked from the topmost navigation bar.

Team Roles:

1. Deshawn Rivers, product owner
2. Zach Holbrook, SCRUM leader
3. Wookjin Jang, SCRUM leader
4. Tingting Wang
5. David Ramirez
6. Hunter Bingham

Scrum Board:



Task Assignments:

Tingting, Deshawn, and David have been focused on webapp graph integration, and are looking into navigation bar features.

Zach, Hunter, and Wookjin are developing Node.js scripts that interface with the Amazon RDS to pull per-user data out.

Scrum Times:

MW 10:00 - 1:00PM

TuTh 1:30PM - 4:00PM

F 12:00 - 4:00PM

Su 4:00PM - 8:00PM