Working Prototype Known Problems Report

SlugSense WebApp

WebSwag

7/23/17

List of known bugs:

- The "Nodes" link in the side menu has a badge that indicates that there is 8 nodes, yet only 5 are displayed. The SlugSense mentors added 3 more dummy nodes with the intention of adding additional devices to support these nodes. The dummy nodes are actually in the list and clickable but have blank labels in an attempt to hide them. Clicking on the dummies will cause the data in the top boxes as well as the graph to not change.

- There is a comment section in the lower right hand corner that is not implemented, this was also already existent from the previous iteration of the SlugSense project and is out of our scope of development.

- The top boxes are, at this moment, limited to the data for today on the selected node. If the "WEEK" button is clicked, only the graph switches to display week summary data. The data in the top boxes do not change, they continue to display the "DAY" data.

- "DAY" and "WEEK" data is not very responsive.

- Some API calls are hard-coded to a certain time-stamp on April 29th, 2017 instead of the current date. The data in the graph, and per-node alerts reflect that the data comes from April 29th.

- There is a useable search functionality that was not implemented by team WebSwag, this was previously implemented and was updated during our last sprint by the original creators of the SlugSense WebApp. This is out of our scope of development.

- When the "Nodes" drop down section in the side menu is opened and the list of nodes is open, upon minimizing the side menu the scroll bar is still showing which looks bad. This was not our intention.

Bugs specific to the graph:

- When the webapp is minimized, the graph is condensed to an unreadable state, the buttons on the legend of the graph that switches between certain measurements (e.g. temperature, moisture, etc..), the font size does not change and further adds to the ugliness of the graph in this state.

- Some graphs for some nodes have non-continuous graphs. This is due to errors in the back end where data for these times is not available for some reason. Our team is limited to API calls for data, the server is maintained by the SlugSense creators and is out of our scope of development.

- The day and week buttons that switch between daily data and average daily data for each day in the week do not resize when the browser window size is reduced. This can make for a very glitchy looking web app when combined with the condensed graph.

- The gap between the toggle buttons can change if the window is resized.

- If there is no data to display on the graph. The units on the y axis do not appear. This is not intentional.

- If the graph is displaying week data, it will change to day data when a new node is selected.

Known data errors:
- The backend API will return a 400 error if there is a POST request with a timestamp for which there is no data.

Known errors for login page:
- There is currently no way to register a new username with the SlugSense webapp. The only credentials known are; Username: sustainability, Password: sustainability.