

## Sprint 2 Plan

**October 30 Update:** As we are moving into our second sprint, what we have already accomplished is impressive and recent breakthroughs have put us into a position to move quickly. The links to Dashboard, Graphs, and Devices send you to pages with relevant information on them. The user can register a device and login and see which devices are registered, along with the ability to delete a device. The user can also see a graph of fake data. The user can also logout, and these links will be hidden.

Right now we are definitely on track to having accomplished all of our Sprint 2 goals and by the end of this Sprint, if we keep making progress, I can imagine that we will have time to polish and perfect what we have built.

**November 4 Update:** We have accomplished a good deal of our Sprint 2 goals. The team is focused on polishing the site, working with the database team, developing tests, and data safety and validation (SQL injection, type safety). We have been frequently reflecting on where we are blocked and have been doing everything we can as soon as possible to become unblocked.

Story 1: I am a user so I need to be able to register my microgrid sensors so I can keep track of their usage.

Task	Completion Status
Make database of table devices	<b>COMPLETE</b>
Create UI for user to register devices	<b>COMPLETE</b>
Login as user and create a new device using UI. Update will be stored in the database.	<b>COMPLETE</b>
Show devices current logged in user has registered.	<b>COMPLETE</b>

Story 2:

I am a user with limited time so I need a website that quickly gives me the information I need so I can

quickly understand my energy consumption and make energy saving decisions.

Task	Completion Status
Make a mockup of data visualization. Decide what we want to show to the user.	<b>COMPLETE</b>
Allow user to select device then show visualization of that device's energy use.	<b>In Progress. We need a working API to show real data.</b>
Show visualization of user's data. Use fake data to get started.	<b>COMPLETE</b>

### Story 3:

I am a developer so I need an API to better facilitate the creation of this product.

Task	Completion Status
Create a report for database team of all API calls we want in our site.	<b>In Progress.</b>
Create a report for database team on how we want the API to work with our site.	<b>COMPLETE</b>
Work with the database team on creating the API	<b>In Progress.</b>
Use an API (as soon as possible!) to visualize our data.	<b>Blocked. Waiting for database team.</b>