Project Update

Jan. 10, 2022

Team SolarSize
Tristan Brown-Hannibal
Karlee Fidek
Kaden Goski

+

GREENWAVE
INNOVATIONS

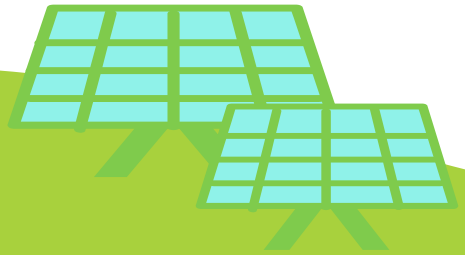
Progress

Completed

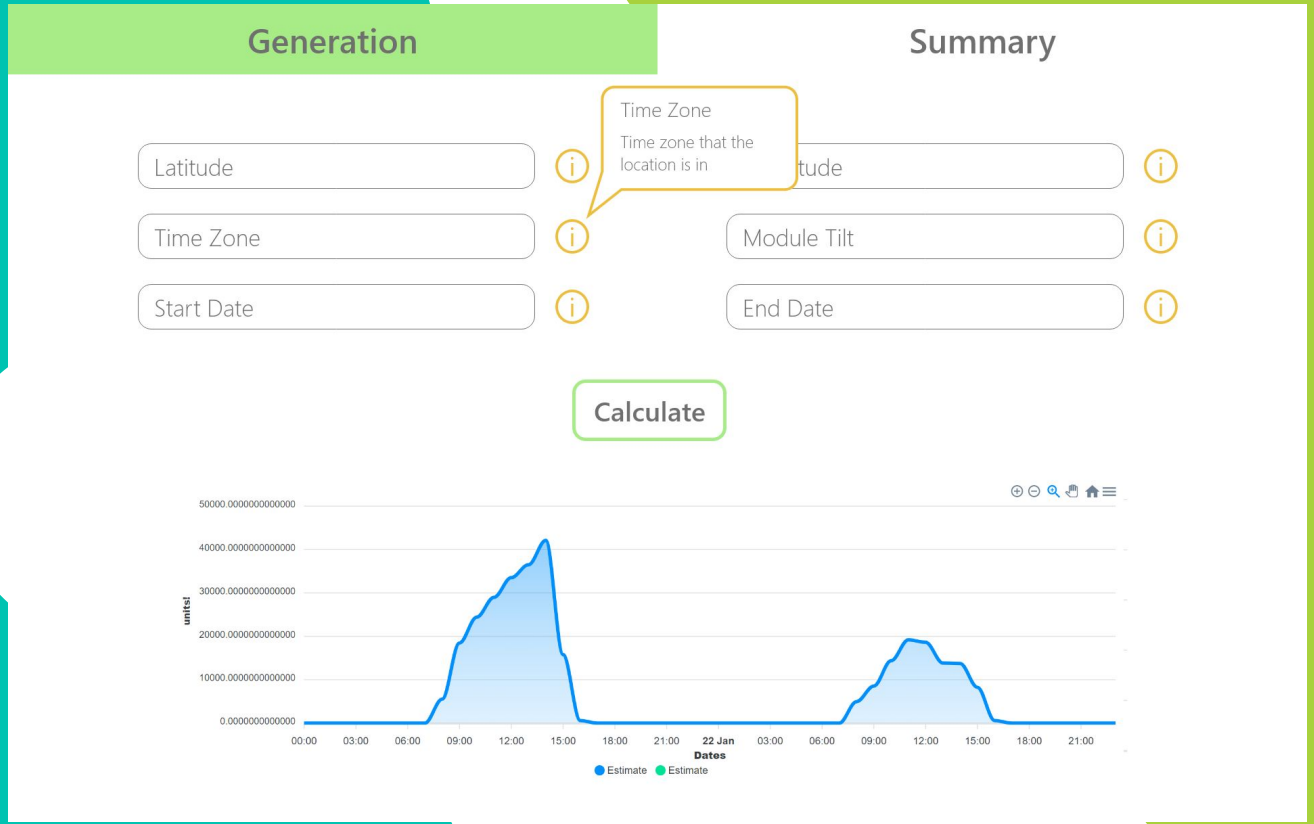
- Required documentation
- Gantt Chart
- Hi-fi UI prototypes
- Set up EC2 server and project structure
- Graph visualization
- Power estimation model (Python)
- Connected to Nasa Power API

To-Do

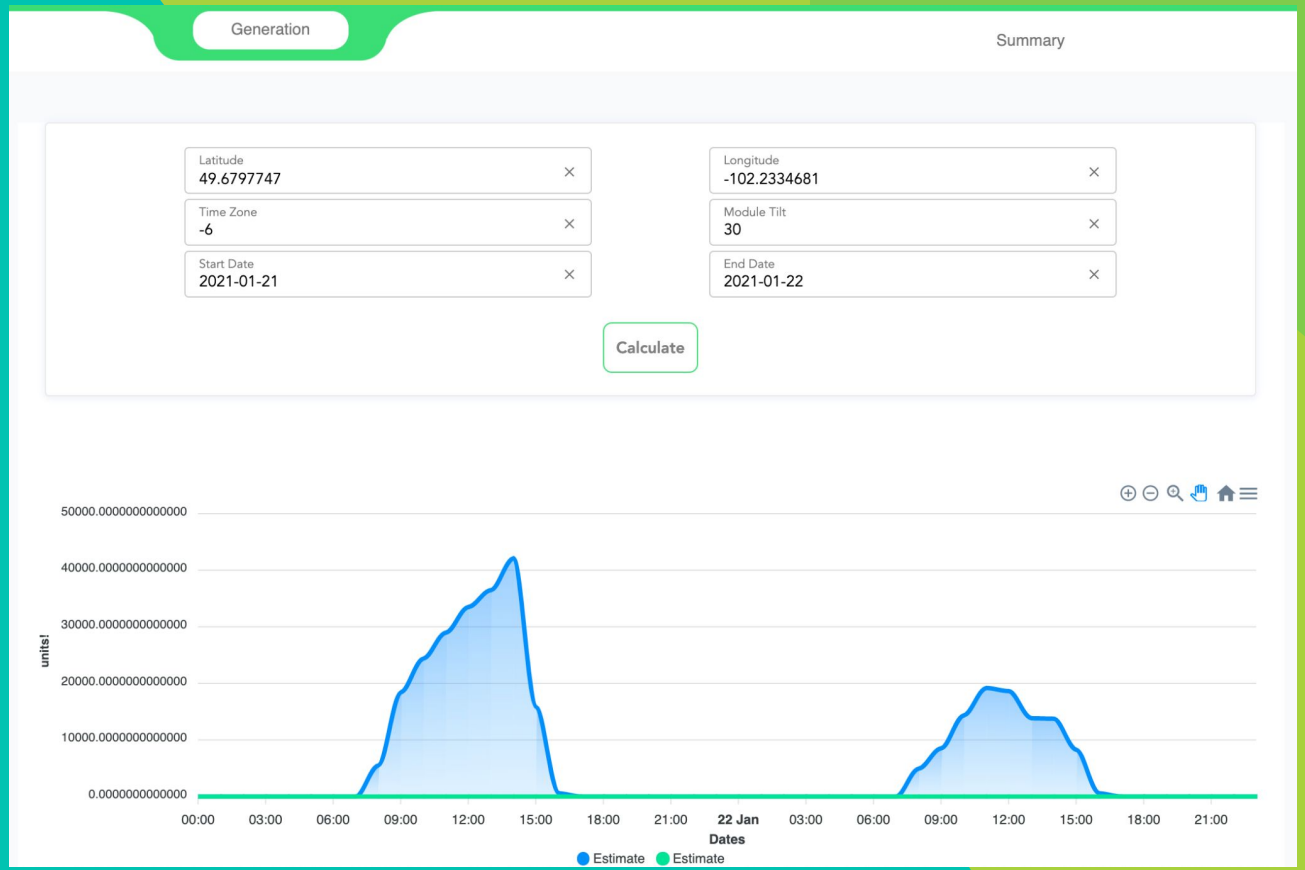
- Graph consumption data
- Add summary page
- Add learning information to UI
- Improve solar model
- Look into real-time data
- Add ROI functionality
- Project Day Documentation



Hi-fi Prototype

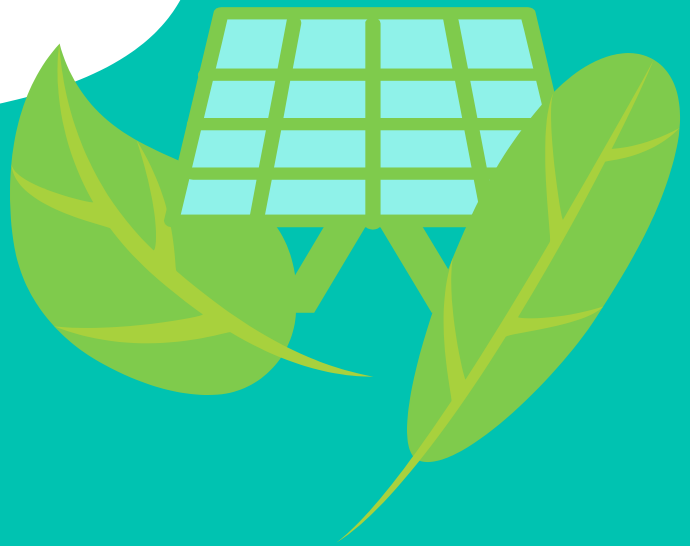


Demo


Generation
Summary
Latitude
49.6797747
Longitude
-102.2334681
Time Zone
-6
Module Tilt
30
Start Date
2021-01-21
End Date
2021-01-22
Calculate
50000.0000000000000
40000.0000000000000
30000.0000000000000
20000.0000000000000
10000.0000000000000
0.0000000000000
units!
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
22 Jan
03:00
06:00
09:00
12:00
15:00
18:00
21:00
Dates
Estimate
Estimate

Project Issues/Questions

- Retrieving real-time solar data
- Summary page wants/needs



CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**