

Team/Instructor Scrum #4

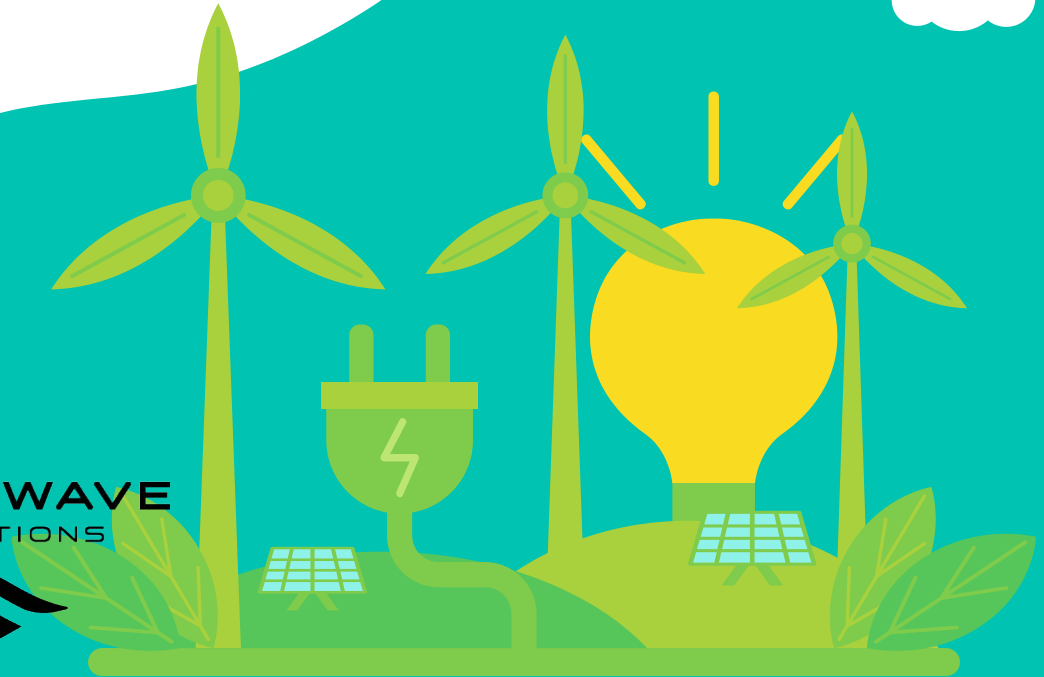
Oct. 29, 2021 - Nov. 26, 2021

Team SolarSize

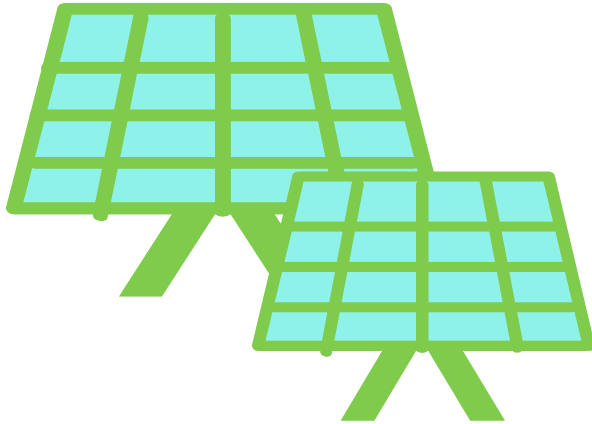
Tristan Brown-Hannibal
Karlee Fidek
Kaden Goski



GREENWAVE
INNOVATIONS



About This Project



- A tool that utilizes building consumption metrics and solar intensity data to calculate accurate ROIs
- Helps to determine over/under generation windows and size solar generation solutions accordingly

Project Status

Green

- Working webpage and solar calculation model



Project Issues/Changes

- No issues or changes so far with the project



Team Member Contributions

Tristan

- Set up EC2 server and project structure
- Connect visualization with APIs
- Integrate visualization with user inputs

Kaden

- Power estimation model and calculations (Python Script)

Team Member Contributions

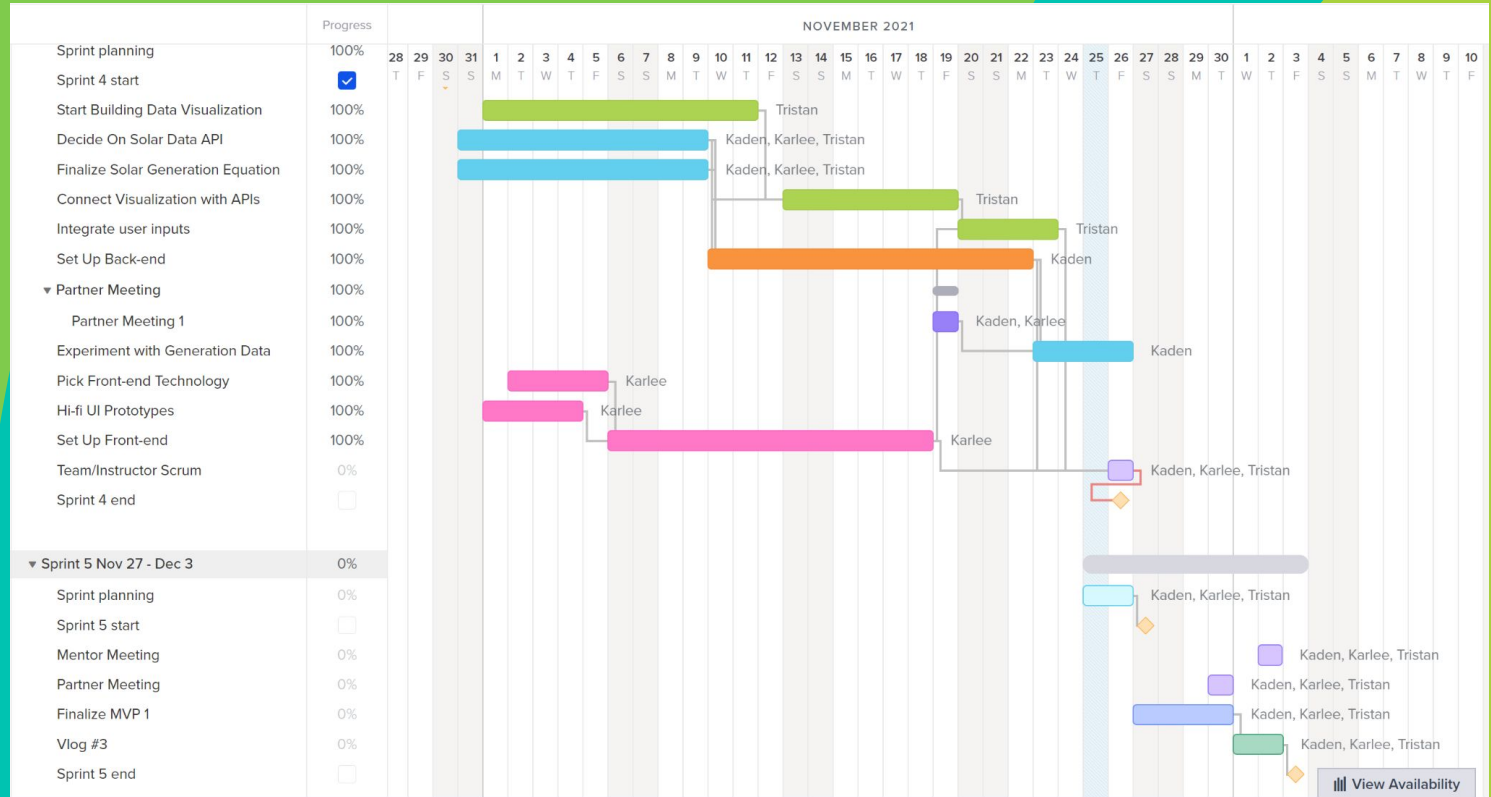
Karlee

- Gantt Chart
- Hi-fi UI prototypes
- Pick front-end technology and start experimenting with it
- Front-end development
- Meeting minutes

Group

- Met with Greenwave Innovations
- Working demo

Gantt Chart



Hi-fi Prototype

Generation

Latitude



Time Zone



Start Date



Time Zone

Time zone that the location is in

Latitude



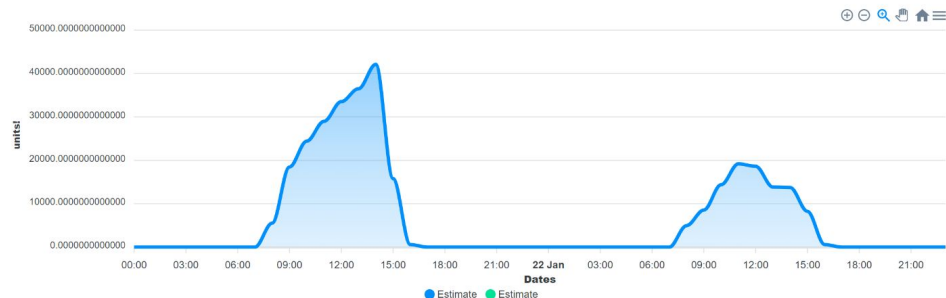
Module Tilt



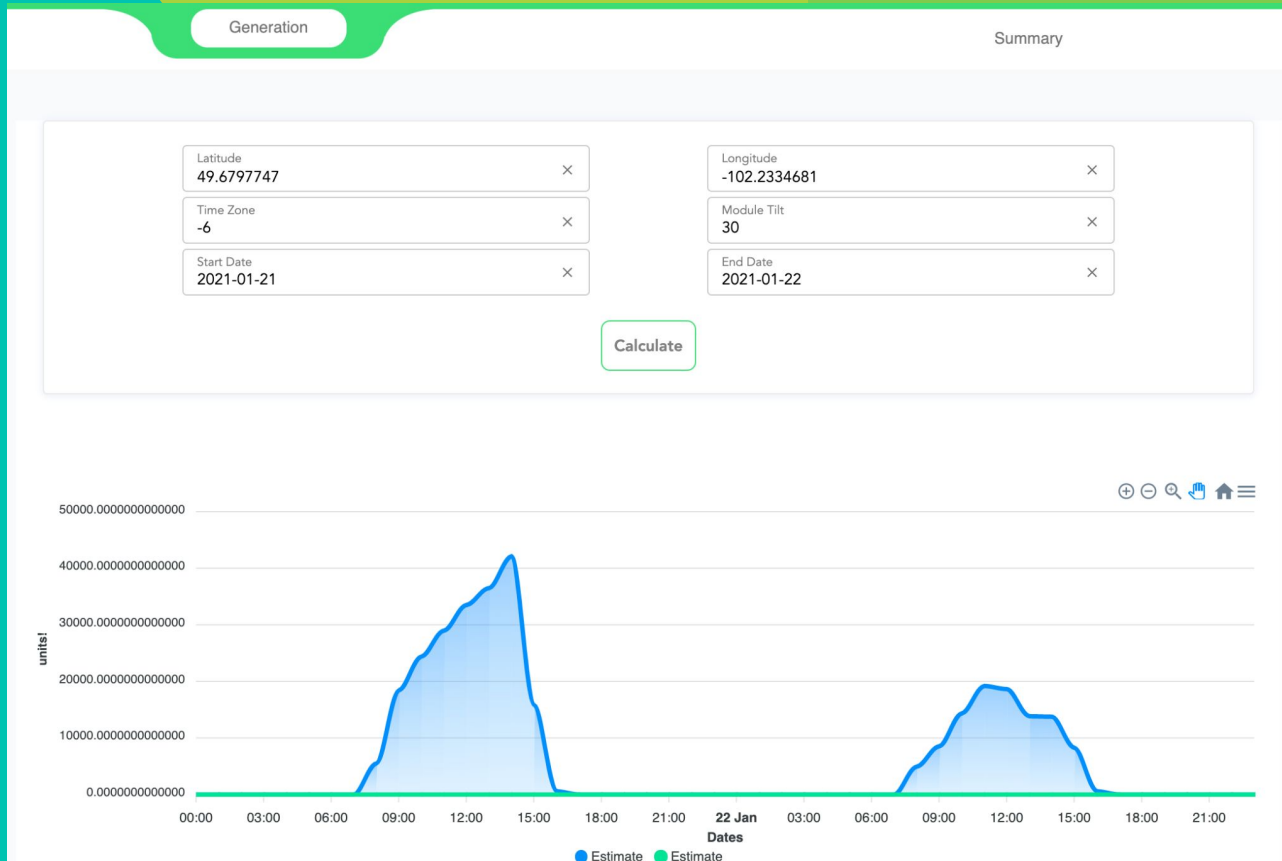
End Date



Calculate



Demo



Next Up

Tristan

- Add comparison information
- Add summary page
- Add error handling
- Look into caching inputs

Kaden

- Improve power estimation model

Next Up


Karlee

- UI improvements
- Add learning information to UI
- Documentation
- Meeting minutes

Group

- Meet with Greenwave Innovations
- Meet with Dr. Yow
- Finalize MVP 1
- Vlog 3

Team Reflection

- **Does the team feel "on track"?**
 - Green
 - Yes, we feel like we are "on track"
 - **What progress does the team particularly feel good (great) about?**
 - Almost done MVP 1
- 

Team Reflection

- **What barriers (if any) does the team feel are a current impediment to success?**
 - Slow API could become a problem
- **What help (if any) does the team require to move positively forward?**
 - None
- **What questions or concerns does the team have (if any)?**
 - No questions at this time