

Team/Instructor Scrum #6

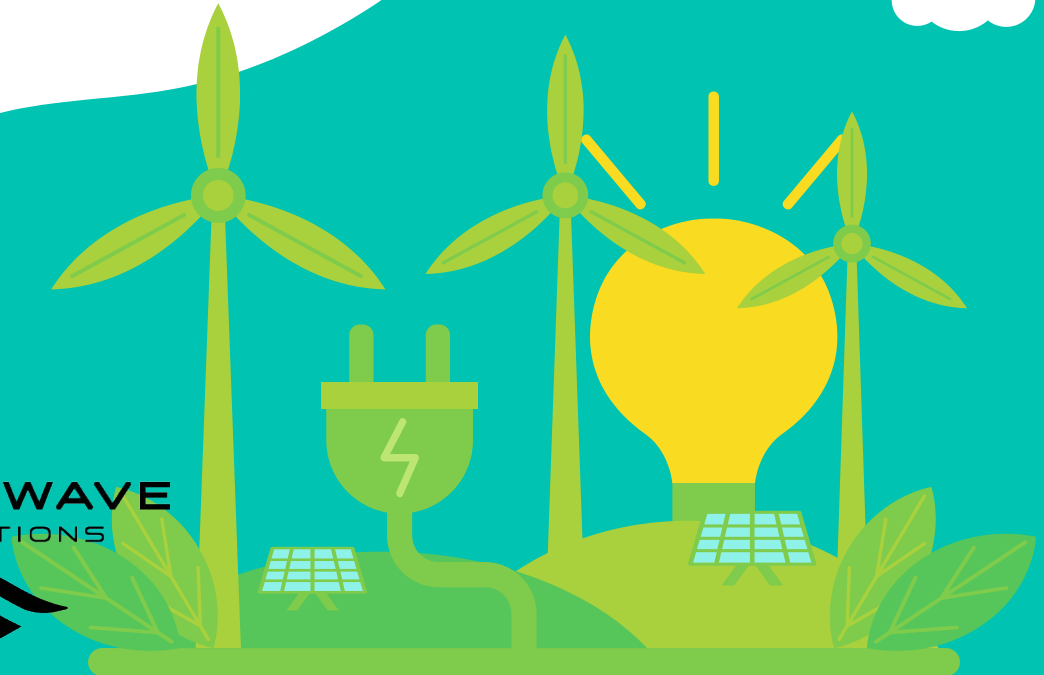
Feb. 8, 2022 - Feb. 15, 2022

Team SolarSize

Tristan Brown-Hannibal
Karlee Fidek
Kaden Goski



GREENWAVE
INNOVATIONS



Team Member Reintroductions



Tristan

Front-End Development
Server Management



Karlee

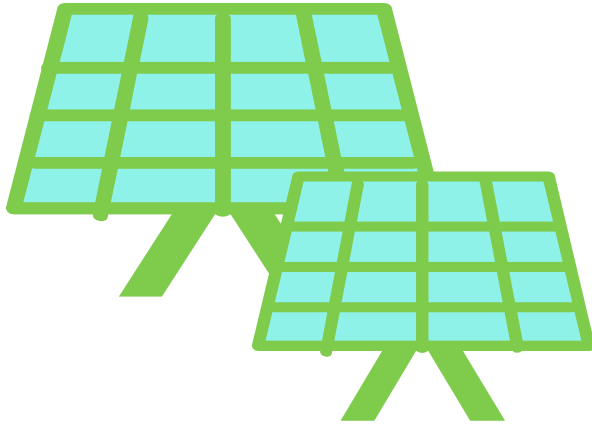
Front-End Development
Documentation Management



Kaden

Back-End Development
Solar Estimation Model

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

- Added statistics and ROI to summary page



Project Issues/Changes

- No issues or changes so far with the project



Team Member Contributions

Tristan

- Added dynamic current ROI tracking
- Added calculations for over generation and full credit generation
- Updated chart to show the impact of over generation credit vs. full credit.

Kaden

- Model Testing
- Documentation

Team Member Contributions

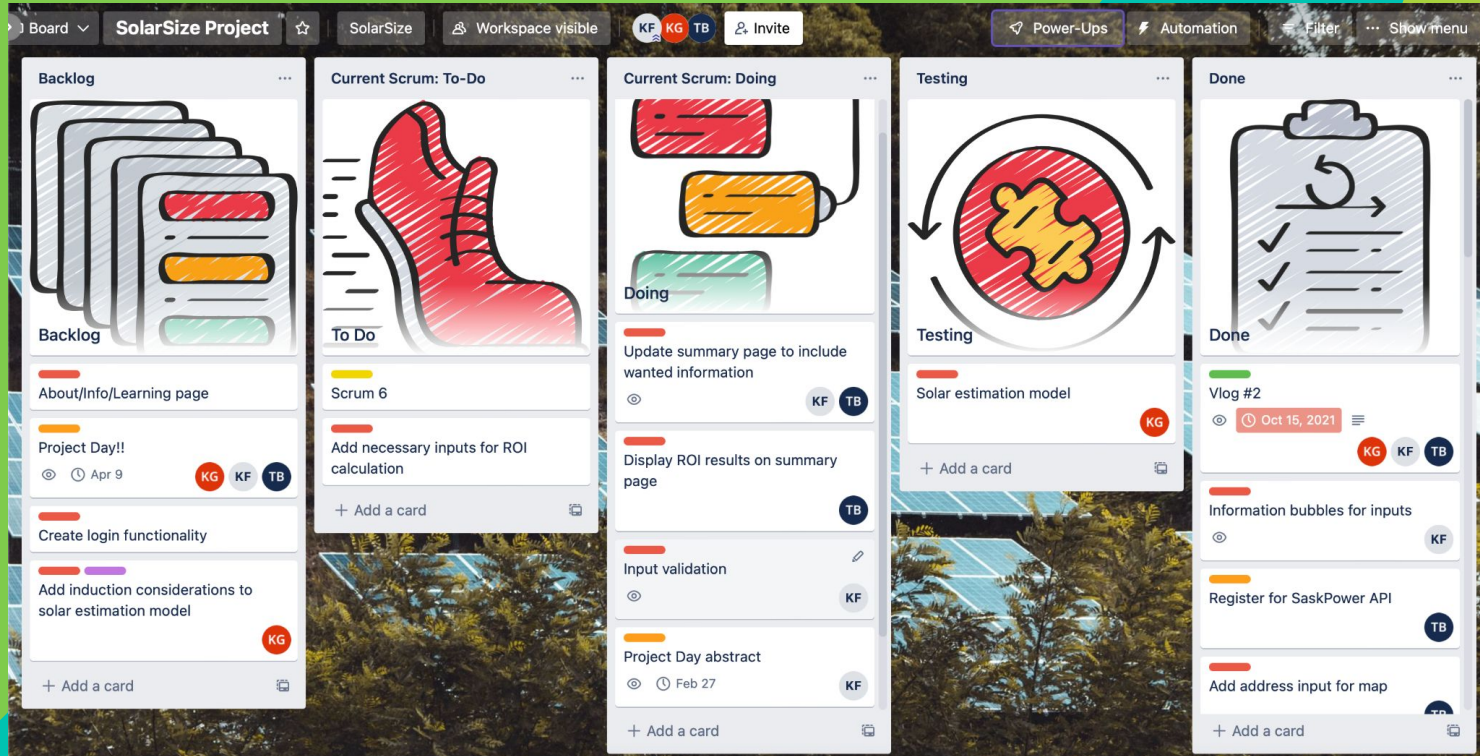
Karlee

- Implemented annual generation statistics for summary page
- Input validation (lat, long, installations)
- Trello board
- Documentation

Group

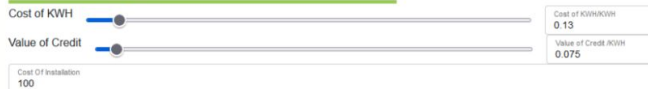
- Worked on MVP #4
- Reviewed our plan for the next month and a half
- Scheduled meeting with Greenwave Innovations

Trello Board



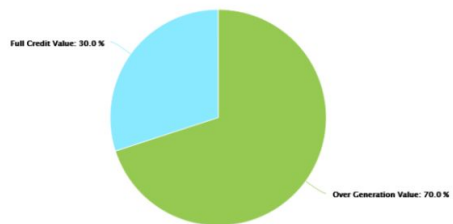
Demo

Return Statistics



Total Return on Investment: **\$2115.00**

Full Credit Generation Value Vs. Over Generation Value



Generation Statistics

Annual KWH Generated: 19566.748711487384 KWH



Expected Solar Generation Vs. Actual Generation



Next Up

Tristan

- Allow for extrapolation of ROI based on current data
- Caching repeated location
- Add additional/more clear inputs for ROI and existing inputs

Kaden

- UI and sizing updates
- Presets and save configurations

Next Up


Karlee

- Improve input form validation
- Display calculations on summary page
- Explanation/educational information
- User testing
- Documentation
- Meeting minutes

Group


- Meet with Greenwave Innovations
- Meet with Dr. Yow
- Complete MVP #4
- Begin work on MVP #5
- Complete project day requirements

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?**
 - ROI and Summary page
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Team Reflection

- **What barriers (if any) does the team feel are a current impediment to success?**
 - No barriers at this time
- **What help (if any) does the team require to move positively forward?**
 - Greenwave's thoughts on billing and ROI
- **What questions or concerns does the team have (if any)?**
 - No questions or concerns at this time



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