

Vlog #2

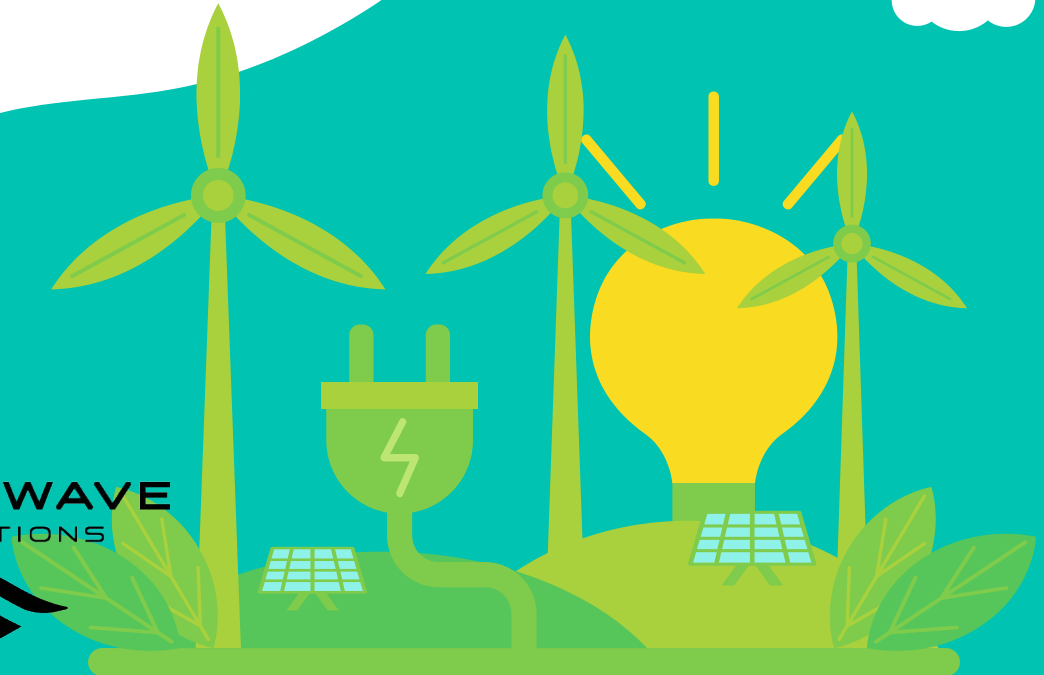
Sept. 10, 2021 - Oct. 15, 2021

Team SolarSize

Tristan Brown-Hannibal
Karlee Fidek
Kaden Goski



GREENWAVE
INNOVATIONS



Team Member Reintroductions



Tristan



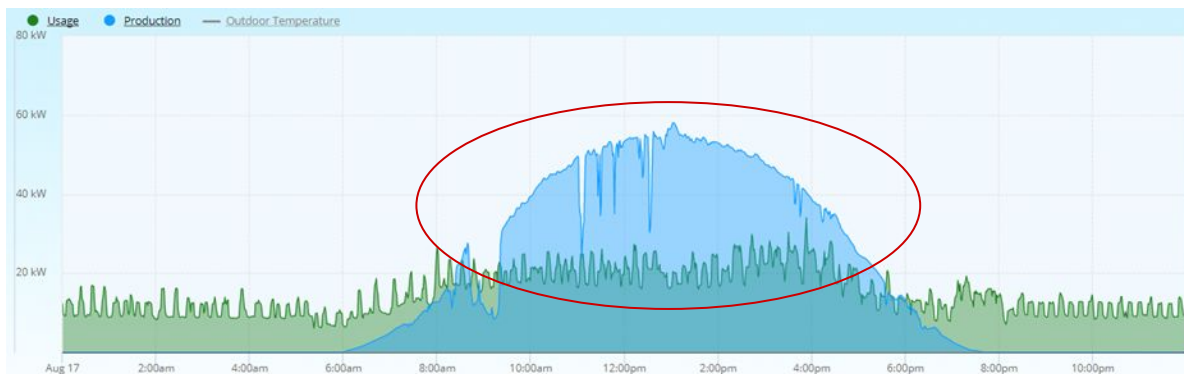
Karlee



Kaden

About This Project

- In partnership with a local company - Greenwave Innovations
- A tool that utilizes building consumption metrics and solar intensity data to calculate accurate ROIs
- Help to determine over or under generation windows and size solar generation solutions accordingly
- Integrate with Greenwave's existing services
- Alert of issues when dealing with real time data



Project Activity Dates

Sept 10 - October 15, 2021

Sept. 10 - Oct. 4th, 2021

- Char - Charity Finder Website
- Did documentation and initial planning
- Scrum 1, Vlog 1
- Met with Dr. Yow and determined we should look for alternatives

Oct. 4 - Oct. 15th, 2021

- Karlee contacted Greenwave Innovations and we met with them
- Start of our current “SolarSize” project
- Scrum 2

Team Member Contributions

Tristan

- Business Case, RACI Chart, Stakeholder Analysis
- Empathy Map
- USM

Kaden

- Scope and Project Requirements
- Data Flow

Team Member Contributions

Karlee

- Project Charter, Roles and Responsibilities, Documentation Guidelines
- Set up Trello Kanban board

Group

- Met with Dr. Yow
- Met with Greenwave Innovations for proposal and project details
- Remade Vlog #1

Project Status

Yellow

- Since we have changed our project idea, we are slightly behind based on the expectations outlined in the syllabus
- We have caught up to where we were with our old project and are in-between weekly goals



Project Issues/Changes

- Changed our project idea
- Integration with Greenwave services



Documentation Overview



Business Case



Project Charter



RACI Chart



Roles and Responsibilities



Scope Statement



Project Requirements

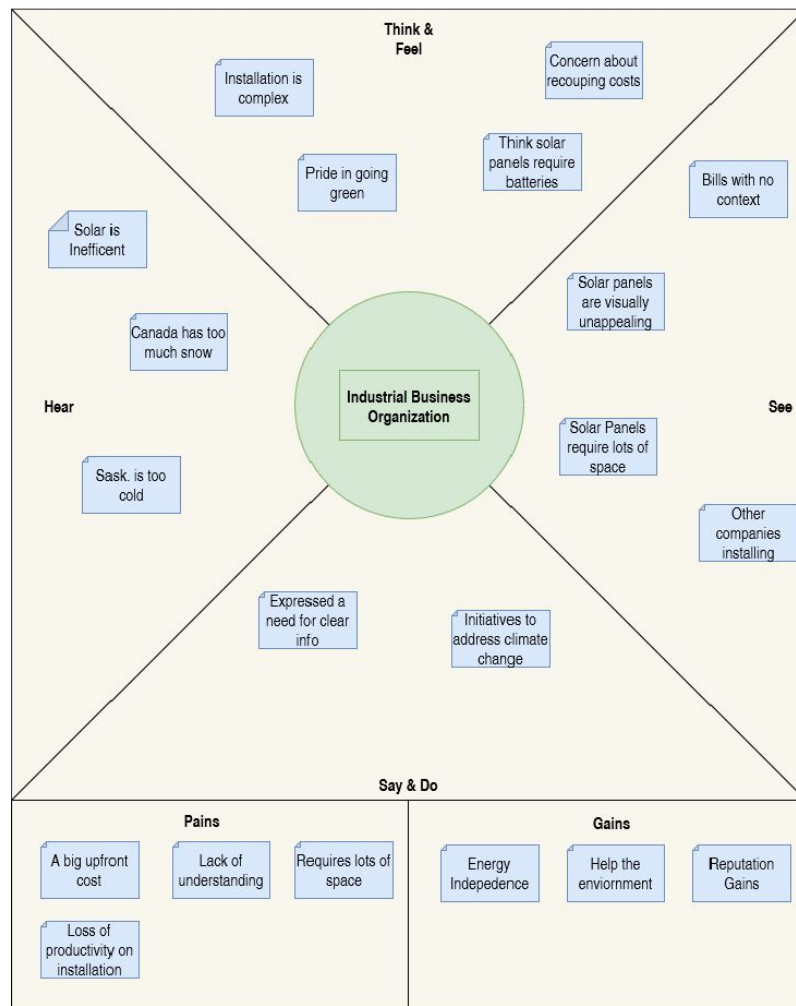


Stakeholder Analysis

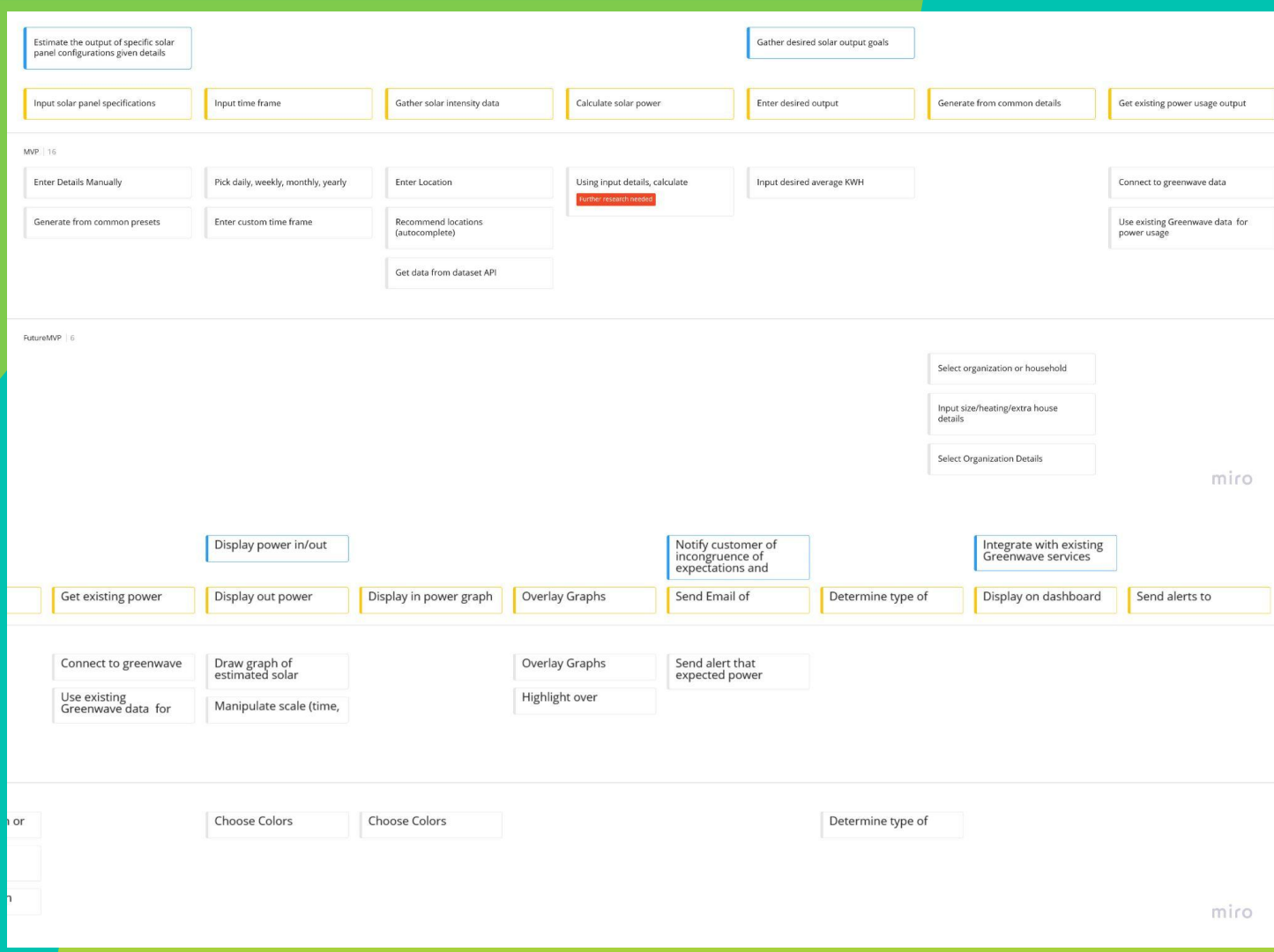


Documentation Guidelines

Empathy Mapping (Northstar)



USM



Trello Board



Next Up

Tristan

- Gain access to Greenwave's data
- Explore tools which allow for data visualization (graphs) for web pages

Kaden

- Create database schemas based on Greenwave data
- Explore solar intensity data sources

Next Up

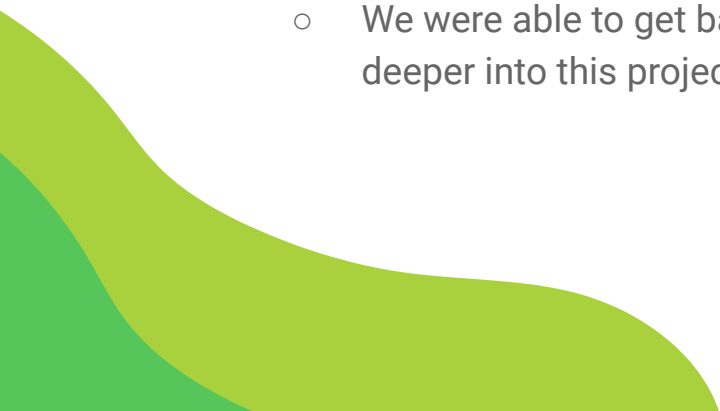
Karlee

- Lo-fi UI prototypes
- Gain access to Greenwave's data
- Explore Greenwave's technology stack specifically regarding their user interface and data

Group

- Meet with Greenwave Innovations
- Meet with Dr. Yow
- Sign Greenwave capstone agreements
- Research solar production calculations
- Explore solar intensity APIs

Team Reflection

- **Does the team feel "on track"?**
 - Yellow Status
 - We are slightly behind due to the fact that we changed our project idea. However, we feel that we can get back on track over the next few weeks
 - **What progress does the team particularly feel good (great) about?**
 - We were able to get back to the point we were at with our old project and dive a little deeper into this project
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Team Reflection

- **What barriers (if any) does the team feel are a current impediment to success?**
 - Source for solar generation data
 - Equations for solar production calculation
 - Integration with existing Greenwave stack and understanding their processes
- **What help (if any) does the team require to move positively forward?**
 - Guidance from Greenwave Innovations which will be received in coming meetings
- **What questions or concerns does the team have (if any)?**
 - No questions at this time

**Thanks for
Watching!**