

# Vlog #2

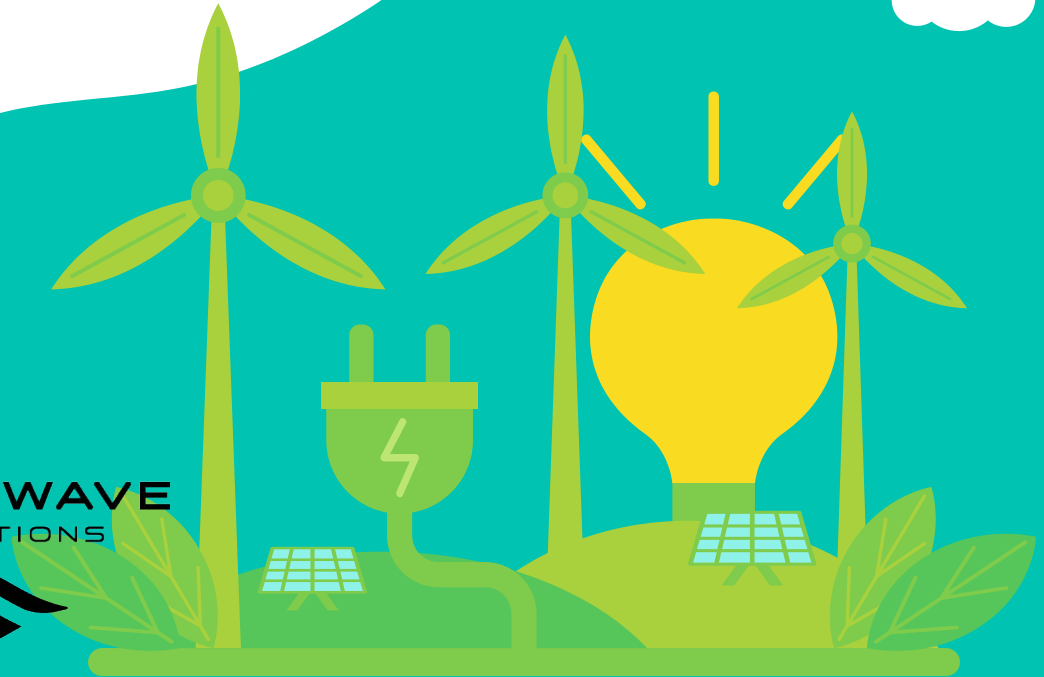
Sept. 10, 2021 - Oct. 15, 2021

## Team SolarSize

Tristan Brown-Hannibal  
Karlee Fidek  
Kaden Goski



**GREENWAVE**  
INNOVATIONS



# Team Member Reintroductions



**Tristan**



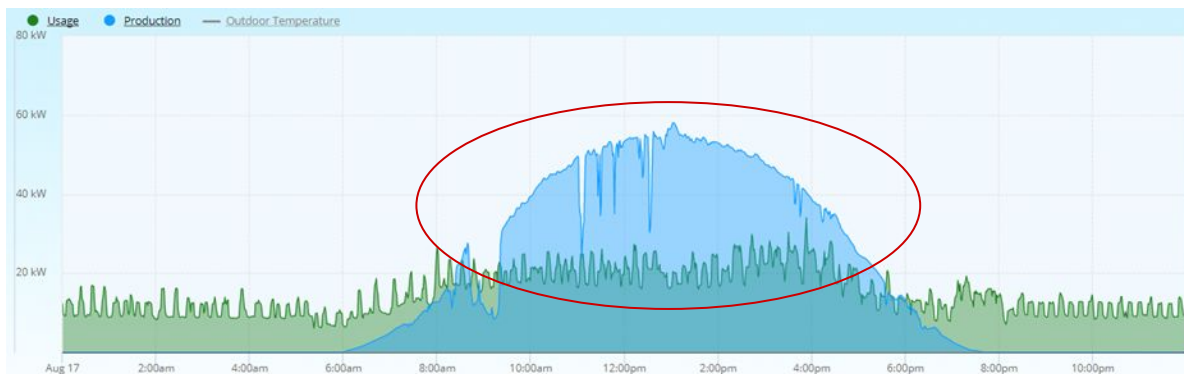
**Karlee**



**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

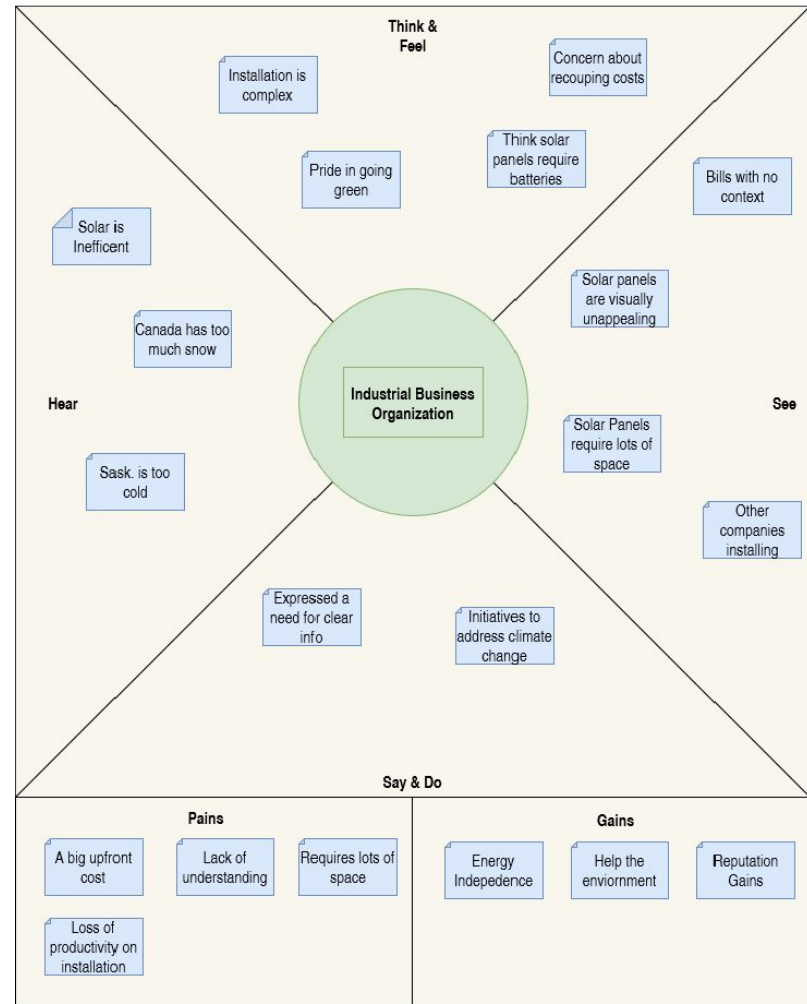


Stakeholder Analysis

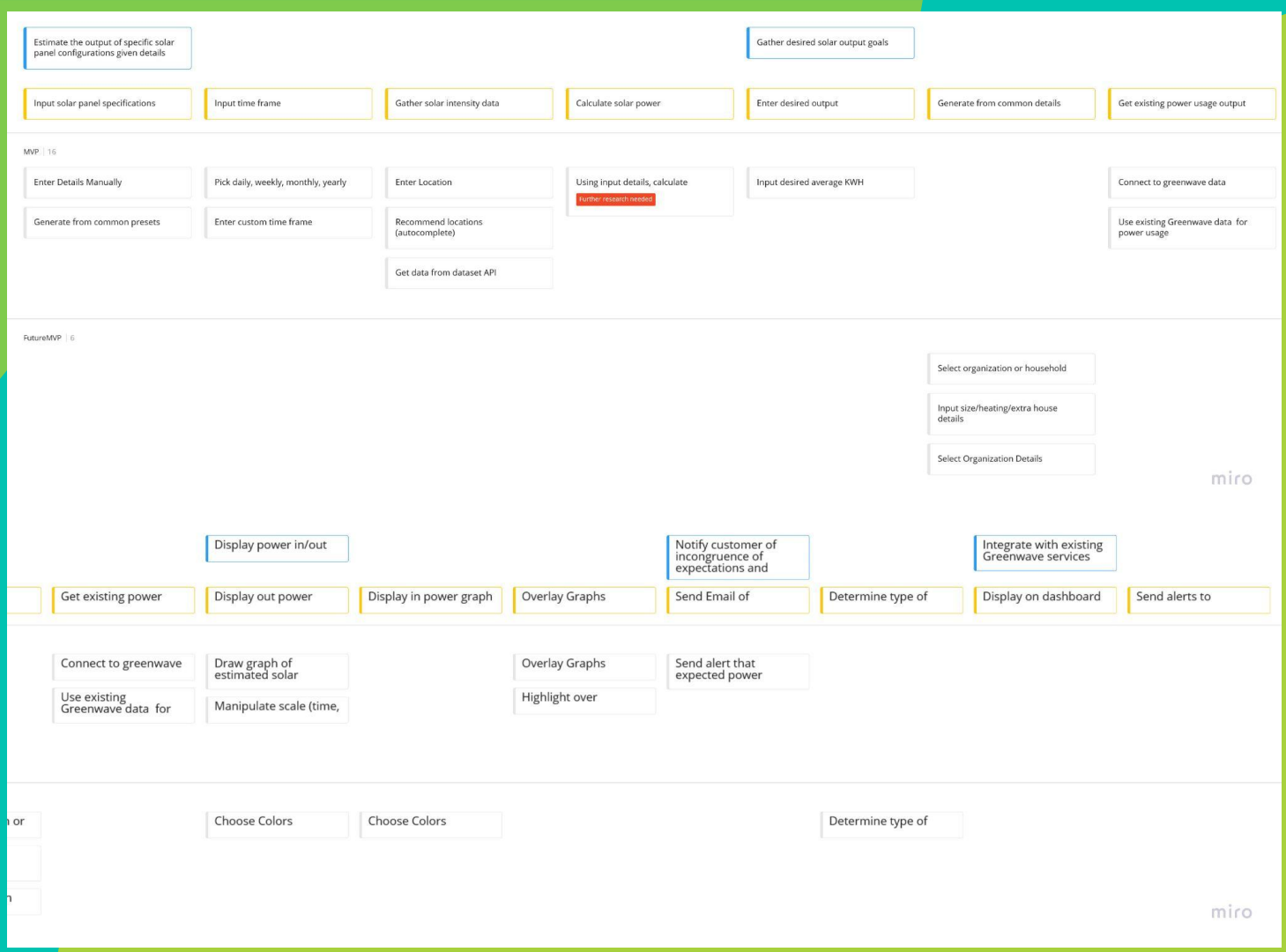


Documentation Guidelines

# 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

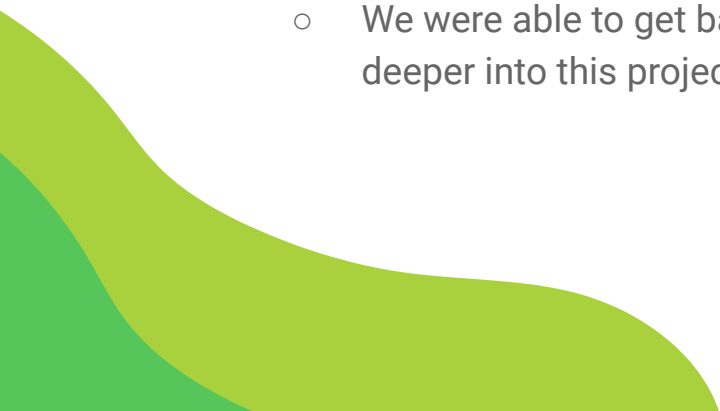
## Karlee

- 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
- 

# 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!**