

Team/Instructor scrum #2

Team member & project (re)introductions

A tool that utilizes building energy consumption metrics and solar intensity data to calculate accurate ROIs on solar power generation. This tool will allow customers to see how different photovoltaic (PV) systems match up to their requirements, so they can make informed decisions. This tool could also utilize this data, once installed, to ensure that the solar power generation is meeting standards, and if not, alert the customer of an issue such as snow blockages, cracks, etc. There could also be an extension into other Greenwave business domains, such as power storage sizing for cloudy days and the night time.

Roles/Responsibilities

Tristan - data representation, meeting coordinator, server/web management, back-end design

Karlee - documentation, GitHub/wiki management, front-end design, database design

Kaden - data processing/management, vlog editor, back-end design

Scrum dates

Sept. 24, 2021 - Oct. 8, 2021

Status description

Project Status - Yellow (slightly off track)

Since we have changed our project idea, we are slightly behind based on the loose expectations outlined in the syllabus. We have caught up to where we were last scrum with our old project, so we should be able to get back on track in the next few weeks. We plan to meet with Greenwave next week to gain more insight into their processes and system stack.

Team Member Contributions

Tristan - Redo Vlog #1, Business Case document, RACI Chart, Stakeholder analysis

Karlee - Redo Vlog #1, Project Charter document, Project Roles and Responsibilities document

Kaden - Redo Vlog #1, Scope document, Requirements document

Group - Met with Dr. Yow, Met with Greenwave Innovations

Project issues/changes

- Changed our project idea
- No major issues with our project

Documentation overview and/or project demo

- Business Case
- Project Charter
- Project Roles and Responsibilities
- Project Documentation Guidelines
- Project Scope Statement
- Project Requirements
- Stakeholder Analysis
- RACI Chart

Next up

Overview of next several weeks: Complete all preliminary documentation, business/process, data flow, envisioned class, low and high fidelity prototypes, project roadmap, and MVP 1

Tristan - Additional stakeholder/customer exploration, Explore business and process of Greenwave including data

Karlee - Explore Greenwave business and processes including data, Explore Greenwave system stack and database, set up Trello board

Kaden - Explore data flow and database

Group - Meet with Dr. Yow, Meet with Greenwave Innovations, Vlog #2

Team reflection

Discuss:

- Does the team feel "on track"? (reiterate the above colour status)
 - 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, so we can now dive deeper into this project
- 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?
 - 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