PROJECT CHARTER

Project Name	SolarSize
Date Produced	October 7, 2021
Project Goals	The project goal is to create a tool that utilizes building consumption metrics and solar intensity data to calculate accurate ROIs. The goal is also to have the tool be able to evaluate various solar solutions to determine the best option.
Project Objectives	The outcomes required to reach the project goals are: ● Overlay building consumption metrics and solar intensity data to determine periods of over or under generation ● Calculate ROIs and evaluate solar solutions ● User interface to display results
Project Budget	Between $100 and $200 (Subject to change as project progresses and based on Greenwave Innovations' input)
Project Sponsor	Timothy Maciag - ENSE 400/477 Professor Kin-Choong Yow - Assigned Mentor Greenwave Innovations - Industry Sponsor
Project Manager	N/A

Additional Key Project Stakeholders

- Tristan Brown-Hannibal - Developer
- Karlee Fidek - Developer
- Kaden Goski - Developer
- Timothy Maciag - Professor, Mentor
- Kin-Choong Yow - Mentor
- Greenwave Innovations - Industry Sponsor

Overall Project Milestones	Dates
Idea Proposal Scrum	September 10, 2021 @ 10:30 AM
Vlog #1	September 17, 2021 @ 10:30 AM
Scrum #1	September 24, 2021 @ 10:30 AM
Scrum #2 - Project initialization and planning activities, in-progress business case & project charter; problem & requirements prerequisites	October 8, 2021 @ 10:30 AM

Vlog #2 Scrum #3 - low/high-fidelity prototypes, architectural design, project roadmaps, and start of project execution activities	October 22, 2021 @ 10:30 AM
Scrum #4 - testing/results of low-fidelity prototypes, In-progress MVP 1	November 19, 2021 @ 10:30 AM
Vlog #3 Scrum #5 - MVP 1, user testing planned/underway, reflection of progress in ENSE 400, ENSE 477/Winter 2022 project roadmap/MVP 2 envisioning	December 3, 2021 @ 10:30 AM

Overall Project Risks

- Scheduling conflicts
- Developer struggles with new technology
- Relying on third party data
- Integration within existing system