

PROJECT CHARTER	
Project Name	Climate Awareness
Date Produced	September 21, 2021
Project Goals	<p>[This section defines what the project will achieve and how it supports the goals of the organization.] This application is intended with the hope of reducing carbon footprint to support goal 13 of UN's sustainable Development goal. Climate change is one of many important environmental issues that needs to be addressed. Climate change is caused by the increase of greenhouse gases in the atmosphere. This increase of GHG in the atmosphere is due to various human activities that emit the major GHG such as carbon dioxide, methane, nitrous oxide, fluorinated gases, and water vapour. We want to help educate the community about the climate issues we face by developing a knowledge-based content application that provides users with a supportive community, informative resources, and tools to help lower their carbon footprint.</p> <p>This application is built to support the United Nations Sustainability Goal 13 Climate Action. Focusing on Target 13.3: Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning.</p>
Project Objectives	<p>[This section defines the specific outcomes that are required to achieve the project goals.]</p> <p>The outcomes required to achieve the project goals users can utilize the information provided in the application to help lower their carbon footprint score.</p>
Project Budget	N/A
Project Sponsor	Dr. Craig Gelowitz Title: Mentor Dr. Tim Maciag Title: Co-mentor
Project Manager	Mohamed Bashir Scrum Master
Additional Key Project Stakeholders	
North Star Customer: University/College students, High School students	
Role: This age demographic has one of the highest carbon footprint scores. Providing a carbon footprint monitoring, informative resources and features to help reduce their carbon footprint.	
Environmental Experts/educators	
Role: Help provide informative insights and resources to the community.	

Overall Project Milestones	Dates
[A list of the key milestones that are known at this point in the project.]	[Milestone dates.]
Project initialization and planning activities with in-progress business case, project charter; problem & requirements prerequisites (type documents)	September 24, 2021
Completed (or near completed) Sept.24 expectations and in progress system/architectural designs (business/process, data flow, envisioned class, low/high fidelity prototypes (non-tested), etc.)	October 8, 2021
Completed activities and documentation from Sept 10 – Oct 21 high-level expectations, with the addition of testing/results of low/highfidelity prototypes, project roadmaps (Kanban, USM, Gantt, etc.), other project insights, and, if applicable, start of project execution (construction) activities	October 22, 2021
In-progress project execution with technology explorations and technology stack/environment setup and, if applicable, in-progress MVP 1	November 5, 2021
In-progress MVP 1	November 29, 2021
Completed (or near completed) MVP 1 (with user testing planned/underway), reflection of progress in ENSE 400, ENSE 477/Winter 2022 project roadmap (at a minimum MVP 2 envisioning), any other project insights so far, and start of MVP 2 if applicable	December 3, 2021

Overall Project Risks

Since we are collecting sensitive user data and location the risk of malicious attacks or data leak.