



## ENSE 405

### Activity #1: Being a Technology Steward

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#### Instructions

It is sometimes helpful to reflect on a software engineering activity before diving into it. This document helps to collect your thoughts regarding what ideas, processes, people, technology, other assorted *things* that you think need consideration, or that have value to guiding your work before embarking on your journey. Fill this document out before selecting one (or more) of the UN Sustainable Goals

About you as a technology steward	
Personally	Your notes:
Why are you doing this? What do you expect?	Climate change effects our lives. It effects the food we eat, the air we beath in. It has huge effect on our livelihood, our lifestyle and our future. So, I hope to create a tool that make people more awareness of climate change and educate them the importance of keeping our planet safe and clean.
What is your background (e.g., technology or community) and how does this affect your biases?	I have developed mobile applications for school project and other individual projects to further learn and design software systems. I would like to develop software app that helps community to better understand the impact of climate change and how the community can start taking action to spread awareness.
How much energy and time do you have for stewarding?	I am passionate about climate changes movement and want to be part of the changing community. So, I will hold myself accountable for managing tasks and delivering a good minimal viable product.
How will you learn what you need to know?	I am self-taught and love to learn new things. So, with help of information available on the internet, it's easier to find resources.
Who can provide support to you personally?	Personally, I don't have anyone who can provide additional support. However, I will mostly use google and all the other resources available on the internet to help me achieve this project. I also hope that professor Timothy Maciag can provide additional help and be a mentor throughout this semester.
In your community	Your notes:
What is your relationship to the community?	I am active member in my community <a href="http://www.rahmahcentre.com">http://www.rahmahcentre.com</a> . Before covid-19, when we have Community event/gathering, I volunteered there, create games for the kids, serve food and help clean at the end of the event



What is your relationship to community leaders?	I have good Relationship with the imam of our Community. He always provides a good advice to me and to my friends. He teaches the value of helping others succeed.
What ways do you have to understand the community activities/practice?	I believe ones must understand the Community's common purpose/interest then these people can support and encourage each other as well as collaborate to come up with technology solution for the Community.
What or who gives you the legitimacy to play this role?	
Who else is interested and could help you by offering resources?	I do not know any Software engineers in my Community, so at this moment, I do not have anyone offering any resources to me.
<b>About the work of stewarding</b>	
Check the principles that are particularly relevant to you	Why are they relevant? What do these mean to you?
<input type="checkbox"/> <b>Vision before technology</b> Do you need to understand the vision of/for your community's success before you dive into the technology solution?	I am a visual learner and I understand better when I visualized or imagine things. This helps me understand what I am trying to accomplish in order to help design technology solution for the Community.
<input type="checkbox"/> <b>Keep it simple</b> Do you value the simplest solution for your community at this point in time? Is that "good enough?"	I like to design and develop using agile methodology. A simple solution is more powerful then complex because of keeping things simple and minimizing the overhead to ensure that only necessary functionality gets done first.
<input type="checkbox"/> <b>Let it evolve</b> Do you value helping the community have a sense of its own evolution? Think of technology, not as a system, but as an integral part of the evolution of your community	
<input type="checkbox"/> <b>Use the knowledge around you</b> Do you value who can you tap to learn with and from	Absolutely, I enjoy collaborative learning because this allows for two or more people share knowledge amongst each other.
<input type="checkbox"/> <b>Always back it up</b> Do you value having What a backup plan (for data, information, and knowledge?	Yes, always having a back-up is a good approach. I always back-up whatever data I am working with. So, in case of corrupted data, I have the original data saved.