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?	There are thousands of skincare products available in the market today, but not all of them are designed and manufactured as eco-friendly. Therefore, due to growing awareness of the harmful ingredients and processes that harm the environment, as a result there is a need in the community to differentiate between eco-friendly and usual products.
	This research allowed me to come up with an idea of my application as a guide to consumers which will allow them to find eco-friendly products available in the market and also provide them with a knowledge of various eco-friendly tags/qualities in these products(such as non-toxic, sustainable, green, etc).
	My reason for choosing specifically skincare products is the recent development and measures that skincare organizations are taking to reduce the harmful impacts of these products on the environment. Therefore, I expect this application to raise awareness regarding the latest eco-friendly skincare products and motivate people to make smart choices when shopping.
What is your background (e.g., technology or community) and how does this affect your biases?	My background relevant to this project as a part of the community only involves the knowledge of some of the work that is being done towards eco-friendly products. Therefore, I am participating in this community by using all the knowledge provided by specialists and researchers of this field to make a choice and consume less harmful products for our environment.
	When it comes to technology, I do not have implementation knowledge(manufacturing and design processes) relevant to this community. Therefore, I need more knowledge, research on tools and suggestions that are useful when implementing the logic of my application.
How much energy and time do you have for stewarding?	Since my project requires more knowledge and research, the time and energy I will put into this project will depend on my findings such as tools and

	knowledge sources used by other similar platforms might allow me to quickly adopt the basic logic and features of my application.
How will you learn what you need to know?	Research, articles and online available database resources of eco-friendly products and harmful products will be useful to learn impacts of products and link application databases with right products. Also similar community platforms that provide knowledge and tools will allow me to analyze and adopt the right tools for my project and it will also allow me to track the implementation method of these tools.
Who can provide support to you personally?	People either with the knowledge of eco-friendly or technical background with similar platforms such as teams who might be working on similar UN sustainable development goals and of course project advisor.
In your community	Your notes:
What is your relationship to the community?	My relationship is only limited to a potential consumer of eco-friendly products as I do not have detailed insight of the community and have no participation in relevant community forums.
What is your relationship to community leaders?	I do not have a relationship to community leaders since I'm still new and researching resources relevant to the community.
What ways do you have to understand the community activities/practice?	Best way to understand community activities/practices is to engage with relevant platforms such as platforms providing a list of less sustainable products and use of academic and online resources to understand terms and impacts.
What or who gives you the legitimacy to play this role?	Available research and my technical skills will allow me to understand and generate possible solutions of the problem and also understand the existing solutions of the problem and modify them with better tools and logic.
Who else is interested and could help you by offering resources?	Skincare brands/organizations themselves can provide resources and knowledge needed for this project since they are the ones making changes on a commercial level. Therefore, most of their product information and library can be used for this project.
About the work of stewarding	
Check the principles that are particularly relevant to you	Why are they relevant? What do these mean to you?
☐ **Vision before technology** Do you need to understand the vision of/for your community's success before you dive into the technology solution?	
☐ **Keep it simple** Do you value the simplest solution for your community at this point in time? Is that "good enough?"	Keeping it simple is the key since the whole point of this application is to design it for people with no previous or knowledge relevant to this community. Making it complex and overloading it with advanced tools and detailed scientific content will impact its effectiveness.
☐ **Let it evolve**	Yes! I expect this application to have the ability to expand and evolve in future in order to adopt more tools and possibly expand the database further to other

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	items. Evolving overtime will also help this project to incorporate similar platforms in future.
☐ **Use the knowledge around you** Do you value who can you tap to learn with and from	Yes! Definitely the knowledge around will be essential to form a selection criteria for application content and tools and form solid reasoning of each of everything involved such as advance features to compare between products and priority/importance level of each eco-friendly tag(non-toxic, sustainable, green).
☐ **Always back it up** Do you value having What a backup plan (for data, information, and knowledge?	Yes! Having a backup for the product database will be a crucial part of the application and will require back up resources to prove the authenticity of product information available on the app.