ENSE 405

Activity #3: Technology configuration inventory

Name:	Sana Khan
Community (UN SD goal):	Responsible Consumption and Production, Sustainable Cities and Community
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Instructions

It is useful to inventory the current technology configuration of the community, i.e., the current technology that the people working, learning, advancing knowledge (etc.) in the specific area you are engineering software for are using, as a way to understand the community better and what matters to them better. If yours is a new community, it may not have any specific technology yet, but even for brand new communities, the current configuration may not be empty, for instance if general tools like email or phone are going to be used. You can use a version of the table on the next page to inventory and analyze the current configuration of your community:

1. Get the big picture. Research the area and make a list of all the platforms and stand-alone tools in your community's configuration as best you can
2. For each platform, list the tools and check the ones that are being used. Why are some not being used? Are there duplicates? Are there issues around integration between tools?
3. To the left, make a note of which community activities/orientations the tools currently support in your community
4. To the right, identify the key features of tools. Are some of these features commonly or rarely used? What are the reasons for that?
5. Assess actual tool use if you can. Identify which are dominant and which are only used by smaller groups and individuals.

NOTE: Add new rows as needed below. Please know your search should be as exhaustive as possible given the area you are researching

Platform	Platform type or name		
GreenDay			
Supported activities	**Tools**	**Key features**	**Usage notes**
Allows online purchase of eco-friendly products	Marketplace (Dominant Tool)	Reviews and Rating: This feature will allow users to leave their reviews. Commonly used since app is mostly used to review products	The application will not have purchase but it will have a similar tool to provide product info and rating.
Allows to share concerns and experience with community	Community Tool (Use by smaller groups)	Articles: Provides article links related to eco-friendly products	Can be used to provide information related to eco-friendly tags. Need modification and re-structuring.

		Rarely used since it only provides links and is not organized.	
Provides reward for learning product details and the impact on environment	Reward Too (Smaller groups: Only for Singapore and Malaysia)l	Complete tasks to earn points which can be redeemed later for shopping. Rarely used	Good way to reward people for learning more about eco-friendly products. Instead of points users can be rewarded with badges such as quiz games to earn a badge

ThinkDirty			
Supported activities	**Tools**	**Key features**	**Usage notes**
Scan product barcodes to find their ingredients.	Barcode Scanner (Dominant Tool)		Can be adopted in the application to scan products and return existing information.
Edit profile by reviewing, liking and disliking products.	Profile Builder-Optional tool (Smaller groups)	Like / Dislike List: Allows to record previous liked and disliked records. (Commonly used) Reviews: Allows see recently posted reviews on products. Commonly used	Useful for application. It will allow users to track the list of products they like/dislike and share reviews.
Read article and updates on latest eco-friendly products	Latest trends (Smaller groups)	Find similar products (Rarely used since articles are used by few users)	Latest trends can be adopted to provide users with popular products.

EWG Healthy Living			
Supported activities	**Tools**	**Key features**	**Usage notes**
Create your shopping list	Lists (Smaller groups)	Browse products to add to the shopping list (Rarely used - few products in inventory)	Useful for the community to create a shopping list of eco friendly products to buy.

Stand-alone tool	Tool type or name		
Ecogirlshop			
Supported activities	**Tool**	**Key features**	**Usage notes**

Buy ecogirl products online	Eco Girl Shop (Dominant Tool)	Shop by Value: Allows to pick product lines of interest such as package free, reusables. (Commonly Used)	Good way to categorize products by their eco-friendly types.
Search products by their names	Search Engine (Small groups- since website has few products listed)	Filter results: Allows to filter results by price (Rarely used - price ranges are quite similar)	Useful to filter results by prices and types.