



Technology configuration inventory

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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: Web-based platform	Platform type or name: GroceryMind Web App		
Supported activities	Tools	Key features	Usage notes
Food tracking, expiry reminders, grocery management, Reminder alerts,	MongoDB, Wordpress, Visual Studio, Firebase Cloud Messaging (FCM)	List food items, set expiry dates, receive reminders, notifies users before food expires	Core system for all users, needs easy navigation

Stand-alone tool: Barcode Scanner	Tool type or name: Open Food Facts API		
Supported activities	Tool	Key features	Usage notes
Auto food entry	Scanner tool	Reads barcode & fetches product details	Speeds up data entry but requires API integration