



## Technology configuration inventory

Name: Arika Pasha  
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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	Second Harvest Food Rescue (mobile app)		
Supported activities	Tools	Key features	Usage notes
Food donations from businesses posted	Listing food for donation on the business's page, and suggesting pickup times	Businesses can post on the application that they have surplus food	A business will post that they have excess food, let people know what type of food it is and then give pickup times
Registered nonprofit organizations can drive to business to pick up food	Notification system Driving to pickup	Organizations are notified and can drive to pick it up	An organization will be notified if food is being donated in their area, and can drive to the business in the given pick-up times listed
Environmental impact	Stats and story	Shows how much a certain business has helped the environment and their impact story is posted	A business's environmental impact will be posted and a story about their impact can also be shown on social



			media for others to see outside of the application
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Platform	rescuefood.ca (website/mobile app) (based in Alberta and Manitoba only)		
Supported activities	Tools	Key features	Usage notes
Businesses will fill up a form to state when they will have food left over	Form	Businesses will submit a form with the food they have available	A business will fill up a form and state that they have left over food, what food it is, when a driver should pick it up and how many times a week, they will donate food
Registered service agencies can accept the food	Notification system	Organizations are notified	A driver can drive it to an organization and if the organization is full or has no need for it, they can take it elsewhere or donate to local restaurants who may be able to use the ingredients (if fruit or vegetables are donated)
Environmental impact	Statistics	Shows how many organizations Rescue Food has served since 2020, and how many businesses donated food since 2020	By showing how many businesses donate and how many service agencies have been served, this incentivizes more businesses to donate their excess food
Volunteer drivers can pick up the food	Notification system, chat system	Volunteer drivers will pick up the food from businesses and drop them off to the service agencies	Volunteer drivers will get a notification from the app, letting them know food is ready to be picked up and from where and when, they will pick it up and drop it off at the recommended agency

Platform	SkiptheDishes (website/mobile app)		
Supported activities	Tools	Key features	Usage notes



Food delivery	Delivery (cars)	Drivers will deliver food to customers	A driver will pick the food up from the restaurant and drop it off to the costumers
Menu	List	List of food items available at each restaurant	Users can choose many different items from the menu to order
Online payment	ECommerce	Allows users to pay online (credit/debit/paypal)	Users are able to pay safe and hassle free online so that they do not need to pay in person once their food arrives

Platform	DoorDash (website/mobile app)		
Supported activities	Tools	Key features	Usage notes
Food delivery	Delivery (cars)	Drivers will deliver food to customers	A driver will pick the food up from the restaurant and drop it off to the costumers
Menu	List	List of food items available at each restaurant	Users can choose many different items from the menu to order
Online payment	ECommerce	Allows users to pay online (credit/debit/paypal)	Users are able to pay safe and hassle free online so that they do not need to pay in person once their food arrives

Platform	UberEATS (website/mobile app)		
Supported activities	Tools	Key features	Usage notes
Food delivery	Delivery (cars)	Drivers will deliver food to customers	A driver will pick the food up from the restaurant and drop it off to the costumers
Online payment	ECommerce	Allows users to pay online (credit/debit/paypal)	Users are able to pay safe and hassle free online so that they do not need to pay in person once their food arrives
Menu	List	List of food items available at each restaurant	Users can choose many different items from the menu to order



Platform	Donate.worldvision.ca (website/mobile app)		
Supported activities	Tools	Key features	Usage notes
Donations	ECommerce	Allows users to pay safely online (credit/debit/paypal)	Let's users pay online and they have the option of buying food for families in countries around the world. For example, they can choose to feed a family of four for one whole month with a certain donation amount

Stand-alone tool	Messages		
Supported activities	Tool	Key features	Usage notes
Communication through text	Chat tool	Allows users to communicate with each other	Will allow the users to send messages to each other for more effective and efficient communication

Stand-alone tool	Google Maps Engine		
Supported activities	Tool	Key features	Usage notes
Mobile map and device tracking	Map tool	Allows a user's location to be tracked, helps restaurant/shelter do better time management	Let's people see where someone is and how far/close they are

Stand-alone tool	Phone		
Supported activities	Tool	Key features	Usage notes
Voice calling	Phone	Allows users to communicate with each other directly on call	Will allow the people to call each other in case there is any emergency and a text might not be read in time