



Drafting an emerging picture

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Community & UN SDG(s): **Community:** Regina Humane Society (RHS), Organizations Receiving Food from RHS, and Suppliers
UN SDG Goals:
 Goal 2: Zero Hunger – Ensuring food is distributed efficiently to those in need.
 Goal 12: Responsible Consumption & Production – Reducing food waste and improving how resources are managed.

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Instructions:

Using your researched information fill out the flowing comparing the current state of the art with what you think new (software) innovations could bring to the community

Covering the orientations	
Compare the left-hand column of the document “Technology configuration inventory” table with the right-hand column of the document “Community characteristics & orientation” table. What do you notice about the match (or mismatch) between your dominant community orientations and the current configuration of tools?	
How well does the technology inventory cover the orientations? What themes emerged from both the community orientations and the technology configuration from your colleagues’ notes	The current technology inventory at RHS does not fully align with the community’s operational needs. The dominant themes that emerged include a lack of automation, fragmented data management, and an absence of real-time tracking. The existing system heavily relies on manual entry, spreadsheets, and phone-based coordination, which creates inefficiencies and delays. There is a strong need for integration between food inventory, volunteer scheduling, and food request management to ensure smooth operations.
<input type="checkbox"/> Are you almost there? <input checked="" type="checkbox"/> Are there big gaps?	There are big gaps. The current tools lack synchronization, making food request processing and inventory tracking cumbersome and prone to human errors. The absence of a centralized system leads to redundant work and inefficiencies that WhiskerBytes aims to resolve.
What is the range of skills? If their interests and/or skills are diverse, could it cause conflict or distraction?	The range of skills within RHS varies. While staff members are familiar with spreadsheets and manual tracking methods, the transition to a digital system may require training and adaptation. Volunteers, suppliers, and community organizations have different levels of technical proficiency, which could lead to initial resistance. However, with a well-designed user-friendly interface and appropriate onboarding, the transition can be managed effectively.
Achieving integration	
Look at all the pieces of your configuration	
What level of integration and interoperability has been achieved?	Currently, there is minimal integration between the different tools used at RHS. Food inventory is managed in Excel, volunteer scheduling is handled separately in My Impact, and food requests are processed manually through phone calls. Since these

	systems operate independently, data is not synchronized, leading to inefficiencies and delays.
Where are there big gaps	The most significant gaps exist in inventory tracking, food request processing, and volunteer coordination. Since My Impact does not connect with inventory management, volunteers do not have visibility into available food stock while handling distributions. Additionally, the manual request system leads to miscommunication and redundant data entry. Without a structured digital workflow, RHS staff struggle with delayed updates, reporting challenges, and increased administrative workload.
Balancing the polarities (Current state)	
How is the configuration balanced with respect to each polarity?	
Synchronous >>>>>>>>>>>>>>>>>>>>>>>>>>>>>> Food requests and coordination rely on real-time phone calls between suppliers, RHS staff, and community organizations. Staff availability determines response time, leading to delays in approving food requests and scheduling volunteers.	<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< Asynchronous Inventory and food request tracking are maintained manually in Excel, leading to outdated or missing information. Lack of real-time tracking makes it difficult for RHS to know the exact availability of food for distribution.
Participation >>>>>>>>>>>>>>>>>>>>>>>>>> Volunteers manually track food pickups and distributions on paper. Paper logs may be incomplete, misplaced, or contain inaccurate data, leading to discrepancies in food tracking.	<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< Reification RHS staff consolidate volunteer logs and food distribution data into Excel manually. Reporting takes significant time and effort, and errors in manual data entry impact decision-making.
Group >>>>>>>>>>>>>>>>>>>>>>>>>>>> My Impact is used to schedule volunteer shifts for food pickups but is not integrated with food inventory tracking.	<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< Individual RHS staff handle food request approvals on an individual basis, leading to bottlenecks. Since all data updates rely on staff, any delay in manual entry results in inaccurate records for available food stock.
How well does this balance fit your community?	The current system at RHS is heavily reliant on synchronous communication and manual tracking, leading to inefficiencies in coordination and reporting. The reliance on phone-based coordination and disconnected tracking tools causes significant delays and inconsistencies in food distribution. Volunteers and community organizations do not have structured ways to interact with the system, which leads to errors and inefficiencies. By implementing WhiskerBytes, we can bridge these gaps by introducing automation, real-time tracking, and integrated workflows, significantly improving coordination and operational efficiency.
Solution seeking	

In the new configuration, do you want your choice of tools to affect the polarities of your community in ways that differ from the current configuration? Which way?

[illegible]

MVP notes

The initial release of WhiskerBytes will focus on core features that provide the greatest impact on efficiency and automation.

- **Supplier Donation Tracking** – Suppliers can log donations directly into the system, reducing miscommunication and manual tracking errors.
- **Real-Time Inventory Management** – RHS staff can monitor available food supplies instantly, preventing shortages or overstocking.
- **Food Request System** – Community organizations can submit structured food requests digitally, reducing reliance on phone-based coordination.
- **Automated Reports** – The system will generate real-time insights on donation trends, food distributions, and resource allocation, eliminating the need for manual reporting.

Future Enhancements (Lower Priority)

- **Volunteer Management System** – While not a current priority, a module for scheduling and tracking volunteer shifts will be integrated in future iterations to enhance coordination.
- **Scalability to Other Non-Profits** – After a successful rollout with RHS, WhiskerBytes will be expanded to support additional non-profits in Regina.