

BUSINESS CASE	
Proposed Project	Inventory Management System for Food Banks
Date Produced	January 25, 2026
Background	All food banks across the province face a common issue, there is an uneven distribution of food supplies. Some places have a surplus number of certain foods while the others lack the same. These problems lead to increased food wastage and food not reaching its target, thus undermining the purpose of a food bank despite the availability of sufficient food
Business Need/ Opportunity	There is a need of a platform where multiple food banks can share their inventory information and food requirements to fulfill the needs of the community thereby reducing food wastage.
Options	<ol style="list-style-type: none"> 1. Continue everything as it is and allow food banks to operate independently. 2. Create a common platform (hub) where multiple food banks can communicate with each other and share resources. 3. Allow food banks to manually contact others to ask or give food supplies
Cost-Benefit Analysis	
<p>Option 1</p> <ul style="list-style-type: none"> - Cost: No cost required since food banks are operating as normal - Benefits: No benefits and food wastage remains the same <p>Option 2</p> <ul style="list-style-type: none"> - Cost: Only the cost required to build and keep the web application running. Additional cost would include logistics costs for transferring food supplies - Benefits: Reduction of food wastage and equal distribution of food. <p>Option 3</p> <ul style="list-style-type: none"> - Cost: No costs - Benefits: Can reduce the food wastage but it can be slow due to more efforts required to contact other food banks 	
Recommendation	
The best approach to solve the current problem is by creating a centralized hub where all the food banks would be able to share their inventory and help each other	