

BUSINESS CASE	
<b>Proposed Project</b>	Inventory Management System for Food Banks
<b>Date Produced</b>	January 25, 2026
<b>Background</b>	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
<b>Business Need/ Opportunity</b>	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.
<b>Options</b>	<ol style="list-style-type: none"> <li>1. Continue everything as it is and allow food banks to operate independently.</li> <li>2. Create a common platform (hub) where multiple food banks can communicate with each other and share resources.</li> <li>3. Allow food banks to manually contact others to ask or give food supplies</li> </ol>
<b>Cost-Benefit Analysis</b>	
Option 1	
<ul style="list-style-type: none"> <li>- Cost: No cost required since food banks are operating as normal</li> <li>- Benefits: No benefits and food wastage remains the same</li> </ul>	
Option 2	
<ul style="list-style-type: none"> <li>- Cost: Only the cost required to build and keep the web application running. Additional cost would include logistics costs for transferring food supplies</li> <li>- Benefits: Reduction of food wastage and equal distribution of food.</li> </ul>	
Option 3	
<ul style="list-style-type: none"> <li>- Cost: No costs</li> <li>- Benefits: Can reduce the food wastage but it can be slow due to more efforts required to contact other food banks</li> </ul>	
<b>Recommendation</b>	
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	