

Project Summary

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Company Address	160 Kendal Avenue, Toronto Ontario Canada	
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Title	Jarvis Inventory System	
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Project Title	Jarvis Inventory System— Jarvis which stands for “ <i>Just A Rather Very Intelligent System</i> ”	
Project Description	<p><u>About the company:</u> Jarvis Company was started by a group of developers in 2022, who believes that automation improves efficiency and organization of a company. Jarvis Company believes in success – we are focused on enhancing organizational and business accomplishments.</p> <p><u>About the project:</u> A web-based application for small and large businesses that can automate inventory management. This project aims to provide a more efficient, accurate and user-friendly web-based inventory system that will help companies record details about their inventory, display product information, automated order system, and send alerts when a product is low on stock.</p>	
Problem/ Opportunity Assessment *	<i>Please describe the current state problem/opportunity that describes the nature and extent of the problem (factual, quantified, concise), or that outlines a chance for advancement or progress.</i>	
	1.	Identifying which and how much to order can be time-consuming when counted manually.
	2.	Manual processing of inventory is prone to error and slows down the business operation.
	3.	Identifying which product (i.e. perishables) is expired or expiring can be forgotten by the employees, which may cause liability to customers.
	4.	Not having a database for the inventory makes it harder to find information about a product, which can be time-consuming when it comes to helping customers.
		Lack of Visibility – not able to find the product as quickly as possible can delay and impact operations.

	5.	
Desired Project Outcomes/ Requirements*	<i>Define how this project shall address a business need, e.g. the business problem or opportunity described above; describe what the beneficiary must be able to do / receive from the solution</i>	
	1.	This project will allow users to scan in products and input quantity for inventory count, therefore reducing the risk of miscounting the number of stocks in the inventory compared to manual counting.
	2.	This project will allow users to print or show the reports and analytics of the top products that were sold. It improves business cash flow as it can help identify which products sell well, which would help stores determine which to order in the future.
	3.	Automating inventory management may result in more accurate records, quickly determining which product to refill, and ensuring the business has enough items.
	4.	This project will allow stores to display and store data such as aisle number, price, and product availability, which helps save time to accommodate customers.
	5.	This project will allow stores to be notified when a product is low on stock and allow users to process orders.
	6.	This project should automatically take out a product when it is scanned out and purchased at checkouts.
Key Deliverables to be produced by students*	<i>Define the boundaries of work that you expect to receive from the students effort (vs. internal effort)</i>	
	1.	A user friendly interface for the web-app.
	2.	Scanning in and out a product should update the database.
	3.	All stated features should be implemented and working properly.
	4.	All documents are to be finished and approved.
Desired Start Date	September 19, 2022	
Desired End Date	March 31, 2023	
Attachments	<i>List attachments that support project description</i>	
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