

## Project Identification

<b>Project:</b>	Jarvis Inventory System
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<b>Document Version:</b>	0.3
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## Contributors

*The following individuals contributed to this document.*

<b>Name</b>	<b>Title</b>
Marie Vianca Pagaduan	Lead Developer
Ellyn Francess Bibon	Developer
Janine Mae Usana	Developer

## Distribution

*This document is distributed to all the following people.*

<b>Name</b>	<b>Title</b>
Anjana Shah	Project Manager

## Referenced Documents

*This document refers to the following materials*

<b>Version number</b>	<b>Title</b>	<b>Author</b>	<b>Date</b>	<b>Source / Location</b>

## Revision History

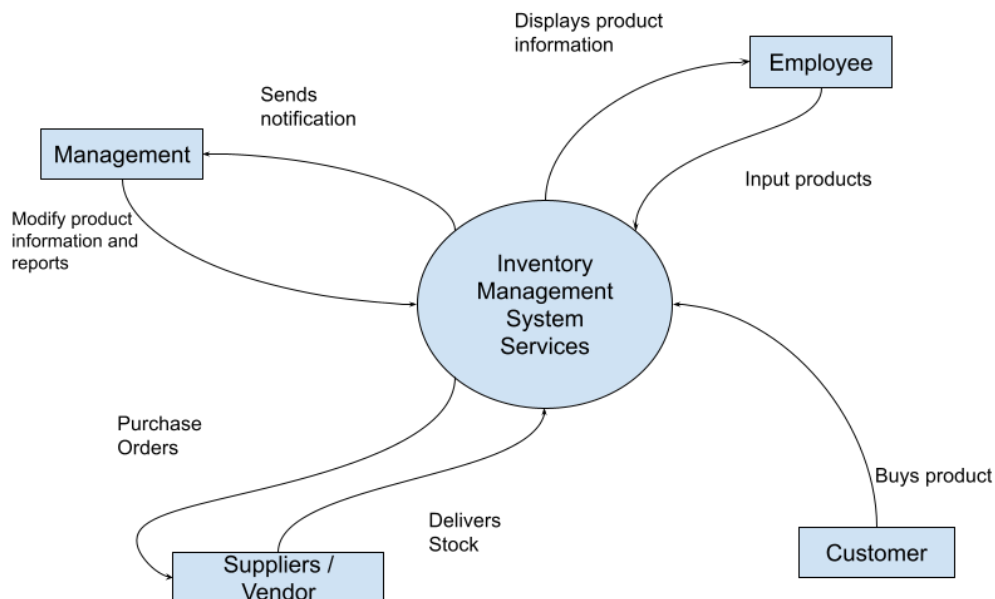
<b>Version Number</b>	<b>Revision Date</b>	<b>Summary of Changes</b>	<b>Modified by</b>
0.1	09/29/2022	Initial Draft, Added minor information	Janine
0.2	09/30/2022	Completed Diagram, Added requirement scope	Marie
0.3	09/30/2022	Completed context diagram table	Ellyn

*[Note: It is recommended that drafts be numbered 0.1 to 0.9, and that the first approved version be numbered 1.0. Thereafter, new version numbers will depend upon changes: 1.01, 1.1, etc for minor updates, 2.0, 3.0 etc for major changes.]*

## TABLE OF CONTENTS

<b><i>BUSINESS CONTEXT DIAGRAM</i></b>	<b>3</b>
<b><i>REQUIREMENTS SCOPE STATEMENTS</i></b>	<b>4</b>
<b><i>HIGH LEVEL BUSINESS REQUIREMENTS SIGN-OFF</i></b>	<b>4</b>

## 1. Business Context Diagram



Requirement Scope Area	Description
Jarvis Inventory System	Responsible for automating inventory management. Helps users record details about a product, display product information, automated order system, and send alerts when a product is low on stock and nearing an expiry date.

External Entity	Description
Management	Grocery manager who can coordinate and organize business activities, manage operations, and assist staff in getting high productivity
Vendor	A person or a business that makes a profit by providing goods or services to customers.
Employee	Grocery employee who can view, input, and filter the products' information in the system
Customers	An individual who buys or purchases from a store or businesses

Information Flows	Description
Input products	Product information such as product quantity, expiry date, price, barcode, product type, location is inputted and stored into the inventory management system services when the SKU is scanned.
Display product information	Product information such as aisle number, price or product availability is displayed in the inventory management system services.
Sends Notification	Notifications regarding low stock and expiring products will be sent from the inventory management system services.

## HIGH LEVEL REQUIREMENTS <Jarvis Inventory System>

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Information Flows	Description
Modify product information and reports.	Users will have the ability to add, edit, remove product information and display reports through the inventory management system services.
Purchase Orders	Management will have the ability to process an order to purchase products/stocks from the vendors through the inventory management system.
Delivers Stock	Vendors will have the ability to deliver products/stocks to the store
Buys Product	Customers will have the ability to buy products from the store and the inventory system would adjust the inventory count accordingly.

## 2. Requirements Scope Statements

HLR#	Description	Priority (H, M, L)
HLR01	Management must be able to keep track every time a product is low in stock.	H
HLR02	Employees must be able to keep track every time a product is expiring.	H
HLR03	Management must be able to add, edit, or remove information about a product.	H
HLR04	Management must be able to add, edit, or remove information about a product order and its supplier.	H
HLR05	Employees must be able to view orders, and its suppliers.	M
HLR06	Management must be able to view analytics reports based on sales.	H
HLR07	Cashiers must be able to see if a product exists in the store.	M
HLR08	Employees must be able to see the price for a product.	L
HLR09	Clerk must be able to see where a product is located.	M
HLR10	Clerk must be able to see if a product is still in stock.	L
HLR11	Managers must be able to order a shipment when a product is low on stock.	H
HLR12	Store owners must be able to see real time updates of the inventory.	H
HLR13	Management must be able to take off products that they no longer sell.	H
HLR14	Clerk must be able to take off a product from the count when it is damaged.	M
HLR15	Employees must be able to sign in.	H
HLR16	Employees must be able to sign out.	H
HLR17	Managers must be able to make an account for an employee to use.	H
HLR18	Managers must be able to remove an employee from the list if they no longer work there.	H
HLR19	Managers must be able to cancel an order if needed.	M
HLR20	Employees must be able to filter product by type.	M

### 3. High-Level Business Requirements Sign-Off

*The undersigned acknowledge their agreement with the contents of Version <0.3> of the High-Level Requirements document for Jarvis Inventory System.*

*Following approval of this document, requirements changes will be governed by the project's change management process, including impact analysis and appropriate reviews and approvals, under the general control of the Project Plan and according to company policy. Approved Change Request Documents, if present, will be attached to this Requirements Document as updates.*

Name	Project Role and Functional Area	Date Signed
Maria Vianca Pagaduan	Lead Developer	October 2, 2022
Ellyn Frances Bibon	Developer	October 2, 2022
Janine Mae Usana	Developer	October 2, 2022

*\* Note: physical signatures are not required. Email approvals are acceptable and should be appended to project documents.*