

# System Requirements

## System requirements- Narrative

This section explains the requirements that the system should be able to handle, based on the business needs of the organization. Requirements have been divided into several categories and subcategories. The requirements are the bases for the use cases of the system.

## Functional Requirements:

- 1. Manage Customer Information**
  1. System will ask customer if they want to create an account.
  2. System will allow customers to enter, modify, and delete personal information.
  3. System will allow customers to delete their account or personal information.
  4. System will encourage customers to follow Karoline on her social media platforms.
  5. System will allow customer to contact Karoline about potential questions.
- 2. Manage Payment/Checkout System**
  1. System will allow customers selected items to be checked out.
  2. System will allow customers to set a delivery date.
  3. System will either accept or decline the customer's purchase.
  4. System will use outsourced payment system.
  5. System will allow customer to input shipping information
  6. System will produce a receipt for a successful purchase.
  7. System will produce an error message if purchase is failed.
  8. System will send the customer an automated thank you email with receipt attached.
- 3. Manage Customer Order**
  1. System will notify Karoline about the Customer's order.
  2. System will store the customer's order.
- 4. Manage Stakeholder Information**
  1. System will allow Karoline to enter personal information and position in company.
  2. System will allow Karoline to create/upload files and documents.
  3. System will allow Karoline to delete files and documents.
  4. System will allow Karoline to modify information.
  5. System will allow Karoline to delete information.
- 5. Manage Items**
  1. System will allow Karoline to Add Items
  2. System will allow Karoline to Update Items
  3. System will allow Karoline to Delete Items
- 6. Displaying Product Information/Gallery**
  1. System will allow Karoline to Display Product Information
  2. System will allow Karoline to Update Product Information
  3. System will allow Karoline to Delete Product Information

## Non-Functional Requirements:

- 5. Information Management**
  1. System will store Customer information into Customer database
  2. System will store the customer's order in Customer orders database.
  3. System will store Stakeholder information into Stakeholder database
  4. System will track and store organization files and documents saved by Karoline.
- 6. Manage Back Office**
  - 6.1 System will allow Karoline to keep track of her inventory with Quicken accounting software.

- 6.2 System will allow Karoline to keep track of her finances with Quicken accounting software.
- 6.3 System will allow Karoline to see how her business is doing at a single point in time.

# Traceability Matrix

	System Requirement 2.5	System Requirement 5.1	System Requirement 5.2	System Requirement 5.3	System Requirement 6.1	System Requirement 6.2	System Requirement 6.3
Use Case 25: Add Item		<b>X</b>			<b>X</b>		
Use Case 26: Update Item			<b>X</b>				
Use Case 27: Delete Item				<b>X</b>			
Use Case 36: Input Shipping Information	<b>X</b>						
Use Case 37: Display Product Information					<b>X</b>		
Use Case 38: Update Product Information						<b>X</b>	
Use Case 39: Delete Product Information							<b>X</b>

The above trackability matrix shows individual Use Cases and what system requirements they can be traced to. This allows developers and analysts to see all of the system requirements and ensure they have been added to at least one use case.