

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

Date	03 November 2023
Team ID	NM2023TMID04589
Project Name	Creating A Website Using Canva

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration and Authentication:	<ul style="list-style-type: none"><li>Users can create an account with a valid email address and password.</li><li>Users can log in securely to access their accounts.</li></ul>
FR-2	Product Catalog:	<ul style="list-style-type: none"><li>Products are categorized by type (e.g., roses, lilies, mixed bouquets).</li><li>Each product has a name, description, price, and high-resolution images.</li></ul>
FR-3	Shopping Cart:	<ul style="list-style-type: none"><li>Users can add and remove items from the shopping cart.</li><li>The cart displays the total price and item count.</li></ul>
FR-4	Checkout and Payment:	<ul style="list-style-type: none"><li>Users can enter shipping and billing information.</li><li>Multiple payment options are available (credit card, PayPal, etc.).</li><li>Users receive an order confirmation email.</li></ul>
FR-5	Order Tracking:	<ul style="list-style-type: none"><li>Customers can track the status of their order, including expected delivery time.</li><li>The system updates the order status in real-time.</li></ul>

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The website should be user-friendly and accessible, ensuring a smooth and intuitive shopping experience for users of all abilities.
NFR-2	<b>Security</b>	User data and payment information must be securely encrypted and protected to prevent unauthorized access or data breaches.
NFR-3	<b>Reliability</b>	The system should have minimal downtime, with a target uptime of 99.9%, to ensure customers can place orders at any time.

NFR-4	<b>Performance</b>	The website must load quickly, with pages loading in under 3 seconds, to ensure a seamless user experience.
NFR-5	<b>Scalability</b>	The website should be able to handle increased traffic during peak seasons (e.g., Valentine's Day, Mother's Day) without degradation in performance.
NFR-6	<b>Mobile Responsiveness</b>	The website should be fully responsive and accessible on various devices, including smartphones and tablets.