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

Date	3 Nov 2023
Team ID	NM2023TMID04561
Project Name	Creating a Blog Using WordPress Platform

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	• Customers must be able to create an account with their contact information. • Customers should have the option to log in using social media accounts.
FR-2	Cake Catalog	• Display a list of available cakes with images, descriptions, and prices. • Organize cakes into categories (e.g., birthday cakes, wedding cakes, cupcakes). • Enable customers to filter and sort cakes based on various attributes (price, flavor, size).
FR-3	Product Details	• Provide detailed information about each cake, including ingredients, sizes, and delivery options. • Show available customization options (e.g., writing a message on the cake, choosing frosting).
FR-4	Shopping Cart	• Allow customers to add cakes to their cart. • Show the total price in the cart. • Enable customers to modify or remove items from the cart.
FR-5	Order Placement and Tracking	• Collect delivery details, including date and address. • Securely process payments using various payment methods (credit card, PayPal). • Send order confirmation to the customer's email. • Provide a tracking feature so customers can monitor the status of their orders. • Send notifications for order updates (e.g., order received, out for delivery).
FR-6	Feedback and Reviews	• Allow customers to leave reviews and ratings for cakes they've ordered. • Display customer reviews on cake product pages.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The user interface should be intuitive and user-friendly, making it easy for customers to navigate the website, select cakes, and place orders without requiring extensive guidance.
NFR-2	**Security**	Customer information and payment details must be securely stored and transmitted to protect against data breaches. The system should comply with relevant data protection regulations.
NFR-3	**Reliability**	The system should be available 24/7 with minimal downtime, ensuring that customers can access the cake shop's services at any time.
NFR-4	**Performance**	The system should be responsive and load quickly, ensuring that customers can browse the cake catalog and place orders without significant delays.
NFR-5	**Availability**	The system should be scalable to handle increased traffic during peak times, such as holidays or special occasions.
NFR-6	**Scalability**	The system should be scalable to handle an increasing number of customers and orders, especially during peak times like holidays or special occasions.