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

Date	20 February 2025
Team ID	LTVIP2026TMIDS41763
Project Name	ShopEZ:One-Stop Shop for Online Purchases
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement
FR-1	User Authentication	Register, Login, Password Security
FR-2	Product Management	Add, View, Update, Delete Products
FR-3	Cart Management	Add, Update, Remove Cart Items
FR-4	Order Management	Place Order, View Orders
FR-5	Payment Processing	Online Payment, Payment Status
FR-6	Admin Control	Manage Users & Products

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system shall provide an easy and user-friendly interface.
NFR-2	Security	The system shall ensure secure authentication and safe transactions.
NFR-3	Reliability	The system shall work consistently without failures.
NFR-4	Performance	The system shall respond quickly to user requests.
NFR-5	Availability	The system shall be accessible at all times.
NFR-6	Scalability	The system shall handle increasing users and data efficiently.