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

Date	27 June 2025
Team ID	LTVIPT2025MID55709
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 (Story / Sub-Task)
FR-1	User Registration	-Registration through Form Registration through Gmail -Registration through LinkedIN
FR-2	User Confirmation	-Confirmation via Email -Confirmation via OTP
FR-3	User Login	-Login using Email/Password -Login via Gmail/LinkedIn/Facebook Forgrt Password/Reset Password
FR-4	Product Browsing and purchase	-Search and Browse Products -Add to Cart -Checkout and Online Payment Order Confirmation and Invoice

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Interface should be intuitive and easy to use for users of all tech levels
NFR-2	**Security**	User data,Payment info,and Communications must be encrypted and protected
NFR-3	**Reliability**	The app should be stable and available with minimal crashers or errors
NFR-4	**Performance**	Fast response time even under heavy traffic;efficient backend operations
NFR-5	**Availability**	System uptime should be atleast 99.5% with proper failover mechanisms
NFR-6	**Scalability**	Able to handle increasing number of users,products and vendors smoothly