

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

**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 mobile number Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Advanced Search Capabilities	sorting and filtering options
FR-4	Checking item availability	item availability in specific locations
FR-5	Shopping cart	My cart button Add-to-cart button Remove-from-cart button
FR-6	Super-fast checkout	Online transfer, credit card payment, paying with mobile wallets
FR-7	Checking the shipping status	Option to easily check the shipping status of items ordered in the store

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Specific user in a specific context can use a product/design to achieve a defined goal effectively, efficiently and satisfactorily.
NFR-2	<b>Security</b>	This Application will collect a lot of users' private information to complete a purchase (banking, shipping/home address, email, etc.) Data protection is the priority.
NFR-3	<b>Reliability</b>	Ability of the software to perform critical tasks like collecting and securing customer data, providing

		payment gateway to function correctly in a given environment, for a particular amount of time
NFR-4	<b>Performance</b>	Online shopping behavior is no different from offline — people love places and platforms that help them to find the best deals and products in a single place with minimal effort
NFR-5	<b>Availability</b>	Online consumers do not adhere to closing times. Information should be available wherever and whenever required within a time limit specified.
NFR-6	<b>Scalability</b>	Having a plan to handle demand peaks. Avoid downtime, preserve the customer experience, and ensure deliveries go out on time at all costs