

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

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|---------------|---------------------------------------|
| Date | 03 October 2022 |
| Team ID | PNT2022TMID26787 |
| Project Name | Smart Fashion Recommender Application |
| 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 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 | Usability | Specific user in a specific context can use a product/design to achieve a defined goal effectively, efficiently and satisfactorily. |
| NFR-2 | Security | 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 | Reliability | 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 | Performance | 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 | Availability | Online consumers do not adhere to closing times. Information should be available wherever and whenever required within a time limit specified. |
| NFR-6 | Scalability | Having a plan to handle demand peaks. Avoid downtime, preserve the customer experience, and ensure deliveries go out on time at all costs |