# Project Design Phase-II

**Solution Requirements (Functional & Non-functional)**

|  |  |
| --- | --- |
| Date | 19 October 2022 |
| Team ID | PNT2022TMID46979 |
| Project Name | Project – Smart Fashion Recommender |
| 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  Registration through mobile number |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User Login | Login using username & Password |
| FR-4 | Advanced search capabilities | Search using sorting.  Search using Filtering option  Chat with chatbot to show recommended products.  See similar products related to current product |
| FR-5 | Wishlist | Store products that are liked by customer to  buy later |
| FR-6 | Shopping cart | To store products to buy now |
| FR-8 | Payment method | Payment on cash on Delivery  Payment through credit/debit card Payment through UPI payment |
| FR-8 | Order Confirmation | Confirmation via Email Confirmation via  Phone |
| FR-9 | Track order status | To check the status of the ordered product  through external software |

# Non-functional Requirements:

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

|  |  |  |
| --- | --- | --- |
| **FR**  **No.** | **Non-Functional Requirement** | **Description** |
| NFR-  1 | **Usability** | Ease of use of the application for the user |
| NFR- 2 | **Security** | User privacy is the highest priority of the  application. Security measures are undertaken for the user |
| NFR- 3 | **Reliability** | It can handle more than 2000 users at a time. It can process and initialize most  functions |
| NFR-  4 | **Performance** | The application can handle complex tasks  and supports multi-tasking. |
| NFR-  5 | **Availability** | It is a free web and application available  on all platforms. |
| NFR- 6 | **Scalability** | With higher workloads the user will  experience a 10 to 17% drop in performance |