**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 03 October 2022 |
| Team ID | PNT2022TMID11603 |
| Project Name | Smart Fashion Recommender System |
| 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 site / app  Registration through Gmail  Registration through phone number |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User Account | Account if maintained by the app as it is linked with mail and mobile number. |
| FR-4 | User Functions | The order placed , search history ,selected products of every users are stored as a database . |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Usability is defined as the measure of the degree to which an application can be easily used and operated |
| NFR-2 | **Security** | The most important attributes of NFRs. It is the measure of the resilience of the application under any type of malicious attack. |
| NFR-3 | **Reliability** | Reliability of a software system makes use of the Mean Time Between Failure (MTBF) parameter that is the time elapsed between 2 failures. The longer the MTBF the more reliable is the application. |
| NFR-4 | **Performance** | Deals with the measure of the response time of the application under different load conditions. |
| NFR-5 | **Availability** | The quality or state of being available.The ability of a user to access information or resources in a specified location and in the correct format. |
| NFR-6 | **Scalability** | The measure of a system’s ability to increase or decrease in performance and cost in response to changes in application and system processing demands. |