# Project Design Phase-II

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

|  |  |
| --- | --- |
| Date | 22 October 2022 |
| Team ID | PNT2022TMID01380 |
| Project Name | Project – 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 | **Sign up** | Register by using mobile number/email id |
| FR-2 | **User Verification** | Verify via Email Verify via OTP |
| FR-3 | **Login** | Login by using username / password |
| FR-4 | **Profile Updation** | Update the profile details like Gender, Age , Address & mobile number ,etc,. |
| FR-5 | **Chatbot** | Chatbot is useful to search products , view offers  ,discounts and stock availability.  It is also used to solve queries and issues. |
| FR-6 | **Ordering the product** | After confirming the product , buy the product via Cash on Delivery or online transactions. |
| FR-7 | **Tracking the ordered Product** | After ordering the product , track the delivery via link received to your registered mobile number  through SMS. |
| FR-8 | **Logout** | After receiving the product ,user can logout the account when he/she needs |

# Non-functional Requirements:

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

|  |  |  |
| --- | --- | --- |
| **FR**  **No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | The application will be designed in such a way that any user can easily navigate through it and user can easily view , order and track the product until delivery.(Easy and Compact design.) |
| NFR-2 | **Security** | Using of SSL (Secure Socket Layer) certificate (Python Flask to Cloud connect) will provide security to the project.  The user details will be kept as more secure. |
| NFR-3 | **Reliability** | To make sure the application doesn’t go down due to network traffic and the details entered in  this application is kept as highly confidential, so it is highly reliable. |
| NFR-4 | **Performance** | It focus on loading the application as quickly as possible irrespective of the number of users/integrator traffic. |
| NFR-5 | **Availability** | This application will be available to all users (network connectivity is necessary) at any given point of time.  Users can access the chatbot for raising any queries/ questions. |
| NFR-6 | **Scalability** | Chatbot can be very useful during festival season to know about offers and discounts.  It will be helpful whenever we make online shopping. |