

# Project Design Phase-II

## Solution for(Functional and Non-functional Requirements)

|               |                                       |
|---------------|---------------------------------------|
| Date          | 18 <sup>TH</sup> October 2022         |
| Team ID       | PNT2022TMID31373                      |
| 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 registration Form , Gmail , mobile number.  |
| FR-2   | User Confirmation             | * User confirmation via Email and email – OTP.   |
| FR-3   | Live chat - ChatBot           | <ul style="list-style-type: none"><li>* User recommendations can be made by the chatbot depending on their interests.</li><li>* It may advertise the day's top specials and promotions.</li><li>* It will keep a database of the customer's information and orders.</li><li>* If the order is accepted, the chatbot will notify the customers.</li><li>* Additionally, chatbots can be used to gather customer feedback.</li></ul> |
| 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 | <b>Super-fast checkout</b>          | <ul style="list-style-type: none"> <li>* Online transfer,</li> <li>* Credit card payment,</li> <li>* Paying with mobile wallets</li> </ul> |
| FR-7 | <b>Checking the shipping status</b> | <ul style="list-style-type: none"> <li>* Option to easily check the shipping status of items ordered in the store.</li> </ul>              |

#### Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description  |
|--------|----------------------------|--|
| NFR-1  | <b>Usability</b>           | <ul style="list-style-type: none"> <li>* If people search on google for a product you offer it should be on the first page of result and good quality images that will attract buyers.</li> </ul>  |
| NFR-2  | <b>Security</b>            | <ul style="list-style-type: none"> <li>* 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.</li> </ul>                                |
| NFR-3  | <b>Reliability</b>         | <ul style="list-style-type: none"> <li>* 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.</li> </ul> |
| NFR-4  | <b>Performance</b>         | <ul style="list-style-type: none"> <li>* Speed up the webpage and Site optimization based on the data analysis.</li> <li>* Good use of the product description.</li> </ul>   |

|       |                     |  |
|-------|---------------------|--|
| NFR-5 | <b>Availability</b> | <ul style="list-style-type: none"> <li>* The administrator needs to look up the stock availability in the database.</li> </ul>   |
| NFR-6 | <b>Scalability</b>  | <ul style="list-style-type: none"> <li>* Having a plan to handle demand peaks. Avoid downtime, preserve the customer experience, and ensure deliveries go out on time at all costs.</li> <li>* Chatbots to provide scalable customer Support.</li> </ul> |