Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 09 November 2022 |
| Team ID | PNT2022TMID50435 |
| Project Name | Smart Fashion Recommender Application |
| Maximum Marks | 4 Marks |

# Functional Requirements:

The following are the functional requirements of the proposed solution :

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | Registration | The procedure of registering involves having the user fill out the application's form. The submission of certain information is required, including the e-mail address, password, and password confirmation. These specifics  allow for user identification. |
| FR-2 | Login | The login screen is used to confirm the user's identification. The registered email address and password of the user are required to access the  account. |
| FR-3 | Live chat – Chat Bot | * User recommendations can be made by the chatbot depending on their interests. * It may advertise the day's top specials and promotions. * It will keep a database of the customer's information and orders. * If the order is accepted, the chatbot will notify the customers. * Additionally, chatbots can be used to gather customer feedback. |
| FR-4 | The flow of orders and check out | Order statuses are displayed on the website:   * confirmed * processing * shipped * returned. |
| FR-5 | Mobile friendliness | * Nowadays, a much larger percentage of Internet users make online purchases on smartphones and tablets than they do on laptops and desktop computers. * Because of this, mobile-first design, a more sophisticated adaptive design alternative, continues to grow especially popular. |
| FR-6 | Unique, Recognizable design | * The Online shopping website has a unique, authentic design. |

# Non-functional Requirements:

The following are the non-functional requirements of the proposed solution :

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | * Home page call to action- Make use of SEO, if people search on google for a product you offer it should be on the first page of result. * Easy navigation - The user can speak with the chatbot directly about the products. * product page optimization * good quality images that will attract buyers * Better Shopping cart * Enhance Payment site speed |
| NFR-2 | **Security** | * Authentication and password management * Accountability - To authorize and monitor the use anonymous accounts and to remove * Confidentiality - Protect the user private information to prevent unauthorized access |
| NFR-3 | **Reliability** | * Focusing on the Mediating Effect of Perceived Intelligence and Positive Cognition |
| NFR-4 | **Performance** | * Speed up the webpage * Site optimization based on data analysis. * Strong SEO presence online. * Good use of the product description. ●   Comments and ratings |
| NFR-5 | **Availability** | * The administrator needs to look up the stock availability in the database. |
| NFR-6 | **Scalability** | * To expand your server capacity, memory, or disc space so that more people may transact on your website. * While expanding into new markets, the server side needs to add localization. * Chatbots to provide scalable customer support |