Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 28 October 2022 |
| Team ID | PNT2022TMID29761 |
| Project Name | Skill / Job Recommender Application |
| Maximum Marks | 4 Marks |

# Functional Requirements:

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 | User Registration | Registration through Form Registration through Gmail Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | User Login | Login using registered credentials |
| FR-4 | User Profile | Create a profile with details like education, work experience, skills, and other personal and professional details |
| FR-5 | Job Application | User can apply for an open job position based on his/ her relevant skillsets |
| FR-6 | Chatbot | User queries, search recommendations, doubt clarifications, and etc can be resolved using chatbots |

# Non-functional Requirements:

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Users are provided with simple and intuitive UI which is easy to use and navigate throughout the application. |
| NFR-2 | **Security** | * **Authentication** is ensured by user credentials with two step verification. * **Privacy** is ensured by allowing users to choose who can view their profile and other data. |
| NFR-3 | **Reliability** | The system is ensured to perform without failure for 90% of the use cases without exceeding the downtime of 10 hours in a month. |

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| NFR-4 | **Performance** | * The data **processing time** is ensured to be less than five seconds. * The **response time** by the server for client’s request is ensured to be less than two seconds. * The **query time** of the database is ensured to be less than three seconds. |
| NFR-5 | **Availability** | The system is made available to all types of users during any time. |
| NFR-6 | **Scalability** | The system can be scaled using cloud services to meet the increase in new customers. |