**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 03 October 2022 |
| Team ID | PNT2022TMID15175 |
| Project Name | Project – Skill and Job Recommender |
| 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 Form  Registration through Gmail/Email Registration through LinkedIn |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | User Dashboard | Update User Details Upload Resume |
| FR-4 | User Portal | Recommendations based on profile information  Recommendations based on profile information for learning opportunities  Get the latest news about living and working conditions |
| FR-5 | Chat-bot/Job Search API | Recommendations based on your search query  Search query-based recommendations for learning opportunities  Find news articles related to living and working conditions based on your search query |

# Non-functional Requirements:

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Users who are seeking for employment. |
| NFR-2 | **Security** | The privacy of the users should be guaranteed in the system. |
| NFR-3 | **Reliability** | Integrity and consistency of the recommender engine and all its transactions should be ensured |
| NFR-4 | **Performance** | The recommender engine should generate recommendations within a time frame of 500 milliseconds |
| NFR-5 | **Availability** | The recommender engine should be available 24/7 to provide suggestions to the end user. |
| NFR-6 | **Scalability** | The recommender engine should be scalable. |