**Project Design Phase-II**

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

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| --- | --- |
| Date | 03October 2022 |
| Team ID | PNT2022TMID42748 |
| 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 |  |  |
| FR-4 |  |  |
|  |  |  |
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**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** | Once job oﬀers and proﬁles are ﬁltered, the second step is text preprocessing. In this task, we perform stopwords removal, tokenization and lemmatization for the Portuguese language. this option helps us to find the specified jobs for us. |
| NFR-2 | **Security** | where a job seeker applies to a job by creating a profile on a job portal by providing all his/her work preferences. These work preferences of each user can be collected from each user and provide job recommendations based on their preference.  This helps us to avoid the fake job recommendations. |
| NFR-3 | **Reliability** | The scraper is set up to avoid duplicate job oﬀers, thus all the job oﬀers are unique. To making the user reliabile. |
| NFR-4 | **Performance** | Once job oﬀers and proﬁles are ﬁltered, the second step is text preprocessing. In this task, we perform stopwords removal, tokenization and lemmatization for the Portuguese language. this option helps us to find the specified jobs for us |
| NFR-5 | **Availability** | The user can get the available resources about the job information. Also, getting notified about job availabilities. |
| NFR-6 | **Scalability** | Here a seeker looks up for the job he would find relevant to him and apply for it. As there are many job boards, applicants tend to use the tool that provides better services to them, services such as writing a CV, creating a job profile, and recommending new jobs to a job seeker |