**Project Design Phase-II**
**Solution Requirements (Functional & Non-functional)**

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|---|---|
| Date | 1 November 2022 |
| Team ID | PNT2022TMID54205 |
| Project Name | Project – University Admit Eligibility Predictor |
| 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<br>Registration through Gmail |
| FR-2 | User Confirmation | Confirmation via Email<br>Confirmation via OTP |
| FR-3 | User Details | Submit the documents<br>• GRE or/and TOEFL score sheet<br>• Curriculum Vitae (CV)<br>• Letter of Recommendation<br>• Statement of Purpose (SoP) |
| FR-4 | User Requirements | • Upload all essential documents to the website's appropriate location.<br>• The system would extract all essential data based on the uploads.<br>• Based on the information that was scraped, a list of every potential university for the candidate would be displayed. |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | **Usability** | • The system doesn't require any prior technical knowledge from the user, thus even a novice user can access it.<br>• The user interface would prioritize recognition over recall.<br>• User friendly<br>• Pay attention to internal sources of control<br>• It wouldn't take long for the content to load and show (30 seconds).<br>• The fields in the site would be self-explanatory |
| NFR-2 | **Security** | • Only the authenticated user will be able to use the site's services.<br>• The database should be backed up every hour. |

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| | | • In the event of any error, the system ought to be able to resume regular functioning in less than an hour. |
| NFR-3 | **Reliability** | • Due to the value of data and the potential harm that inaccurate or incomplete data could do, the system will always strive for optimum reliability.<br>• The system will be operational every day of the week, 24 hours a day. |
| NFR-4 | **Performance** | • The website can efficiently handle traffic by responding to requests right away.<br>• A 64-kbps modem connection would take no longer than 30 seconds to see this webpage (quantitatively, the mean time) |
| NFR-5 | **Availability** | • Low data redundancy<br>• reduced error risk, quick and effective |
| NFR-6 | **Scalability** | • A significant number of users must be able to access the system simultaneously because an academic portal is essential to the courses that use it.<br>• The system will likely be most stressed during the admissions season.<br>• Therefore, it must be able to handle several users at once. |