**Project Design Phase-II**

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

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| Date | 17 October 2022 |
| Team ID | PNT2022TMID35642 |
| Project Name | Project – UNIVERSITY ADMIT ELIGIBILITY TRACKER |
| 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 Details | Submit the following documents   * GRE Score Marksheet * TOEFL Score Sheet * Statement of Purpose (SOP) * Letter of Recommendation |
| FR-4 | User Requirements | All the needed files should beuploaded into our web application. Using these files, it will perform all the preprocessing and show all the required information to the student(user). The information includes the list of all the possible universities and streams. |

**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** | • The system doesn’t expect any technical pre-requisite from the user.  • User friendly.  • The page would not take a lot of time to load the content and display them . |
| NFR-2 | **Security** | • The user who is has valid login credentials can only be able to access our application.  • Data that is fed by users will be highly secure and not accessed by unwanted users. |
| NFR-3 | **Reliability** | The system would always strive for maximum reliability due to the importance of data and damages that could be cause by incomplete and incorrect data |
| NFR-4 | **Performance** | * User will be able to handle the process in our website even by having internet connection with normal speed. There is no need of high -speed internet connection. * Traffics can be handled effiectively |
| NFR-5 | **Availability** | Students will be able to acces our application as it will be accessible from any browser and any system capabilities |
| NFR-6 | **Scalability** | * Our website will be easily scalable even when large number of users access our application * Deployment in heroku(cloud platform) * Use of elephantsql (postgresql server that uses cloud underneath like aws etc) |