

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

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| Date | 12 -11- 2022 |
| Team ID | PNT2022TMID52352 |
| 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 Registration through Gmail Registration through LinkedIn |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | User Profile | User should fill in their following details: Name High school and UG Marks Specialization GRE or/and TOEFL Score Sheet Languages Known Nationality Contact Details |
| FR-4 | User Requirements | Upload all the relevant documents. Based on the uploads, the system would scrape all the necessary information. |
| FR-5 | User Preference | Select the Preferred Countries |
| FR-6 | Display List of Colleges | According to the user profile and uploaded documents filter out the colleges according to the user preference Display the list of colleges the student is eligible for. |

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 technical skills. |

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| | | <ul style="list-style-type: none"> • User friendly. • Easily Understandable • Faster results (doesn't take a lot of time for loading) |
| NFR-2 | Security | <ul style="list-style-type: none"> • Only the authenticated user would be able to utilize the services of the site. • Database should be backed up every hour. |

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| | | <ul style="list-style-type: none"> • The system will provide security against cross site forgery. |
| NFR-3 | Reliability | <ul style="list-style-type: none"> • The system should run under stated conditions without any failure • The system would always strive for maximum reliability due to the importance of data and damages that could be caused by incomplete and incorrect data |
| NFR-4 | Performance | <ul style="list-style-type: none"> • The website can efficiently handle the traffic. • Viewing this webpage using a 56-kbps modem connection would not exceed 30 seconds (quantitatively, the mean time). |
| NFR-5 | Availability | <ul style="list-style-type: none"> • Easy access • Minimal data redundancy • Less prone to errors |