

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

Date	8 November 2022
Team ID	PNT2022TMID04255
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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Details	Submit the documents <ul style="list-style-type: none">• GRE Scoresheet• IELTS/TOEFL scoresheet• Curriculum Vitae (CV)• Statement of Purpose (SOP)• Letter of Recommendation
FR-4	User Requirements	<ul style="list-style-type: none">• Place all pertinent documents in the correct places on the website.• The system would scrape all essential data based on the uploads.• 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	<ul style="list-style-type: none">• The system doesn't require any prior technical knowledge from the user, thus even a novice user can access it. The user interface would prioritise recognition over recall.• User-friendly with a lesser emphasis on short-term memory burden Pay attention to internal loci of control• The fields on the website would be self-explanatory; it wouldn't take long for the content to load and show (30 seconds)
NFR-2	Security	<ul style="list-style-type: none">• The database should be backed up every hour.• Only the authenticated user will be able to use the site's services.

		<ul style="list-style-type: none"> • The system need to be able to resume regular functioning in under an hour in the event of any problem.
NFR-3	Reliability	<ul style="list-style-type: none"> • 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. • The system will be operational every day of the week, 24 hours a day.
NFR-4	Performance	<ul style="list-style-type: none"> • The website can effectively handle traffic by responding to requests as quickly as possible • It would take no more than 30 seconds to see this page over a 56-kbps modem connection (quantitatively, the mean time)
NFR-5	Availability	<ul style="list-style-type: none"> • Low data redundancy. • Reduced error risk. • Quick and effective. • The programme will be active 24 hours a day, seven days a week.
NFR-6	Scalability	<ul style="list-style-type: none"> • 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. • The system will likely be most stressed during the admissions season. • Therefore, it must be able to handle several users at once.