

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

Date	1 November 2022
Team ID	PNT2022TMID22911
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 or/and TOEFL scoresheet• Curriculum Vitae (CV)• Letter of Recommendation• Statement of Purpose (SoP)
FR-4	User Requirements	<ul style="list-style-type: none">• Upload all essential documents to the website's appropriate location.• The system would extract 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 prioritize recognition over recall.• User friendly• Pay attention to internal sources of control• It wouldn't take long for the content to load and show (30 seconds).• The fields in the site would be self-explanatory
NFR-2	Security	<ul style="list-style-type: none">• Only the authenticated user will be able to use the site's services.• The database should be backed up every hour.

		<ul style="list-style-type: none"> • In the event of any error, the system ought to be able to resume regular functioning in less than an hour.
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 efficiently handle traffic by responding to requests right away. • A 64-kbps modem connection would take no longer than 30 seconds to see this webpage (quantitatively, the mean time)
NFR-5	Availability	<ul style="list-style-type: none"> • Low data redundancy • reduced error risk, quick and effective
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.