

Project Design Phase-II

Solution Requirements (Functional &Non functional)

Date	11 October 2022
Team ID	PNT2022TMID36557
Project Name	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 Details	Submit the documents <ul style="list-style-type: none">• GRE or/and TOEFL Score Sheet• Curriculum Vitae (CV)• Statement of Purpose (SOP)• Letter of Recommendation

FR-4	User Requirements	<ul style="list-style-type: none"> • Upload all the relevant documents in the appropriate location in the website • Based on the uploads, the system would scrape all the necessary information • The list of all possible university for the candidate would be displayed based on the scraped information
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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 expect any technical pre-requisite from the user i.e.; even the naïve user can access it. ➤ User friendly. ➤ Reduced focus on Short Term memory load Focus on Internal Locus of Control. ➤ The page would not take a lot of time to load the content and display them (< 30 seconds).
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
NFR-3	Reliability	<ul style="list-style-type: none"> ➤ 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	<ul style="list-style-type: none"> ➤ The website can efficiently handle the traffic by service the request as soon as possible. ➤ 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"> ➤ Minimal data redundancy ➤ Less prone to errors ➤ Fast and efficient
NFR-6	Scalability	<ul style="list-style-type: none"> ➤ Since an academic portal is crucial to the courses that use it, it is crucial that a sizable number of users be able to access the system at the same time. ➤ The admission season is probably when the system will be under the most strain. ➤ It must therefore be able to manage numerous concurrent users.