Project Design Phase – II

Solution Requirements (Functional & Non-functional)

Date	01 November 2022
Team ID	PNT2022TMID53372
Project Name	University Admit Eligibility Prediction System
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 • GRE or/and TOEFL Score Sheet • Curriculum Vitae (CV) • Statement of Purpose (SOP) • Letter of Recommendation
FR-4	User Requirements	• 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

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

NFR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	• 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**	• Only the authenticated user would be able to utilize the services of the site. • Database should be backed up every hour
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**	• 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**	• Minimal data redundancy • Less prone to errors • Fast and efficient
NFR-6	**Scalability**	• 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