

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

Date	23 October 2022
Team ID	PNT2022TMID16400
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"><li>• GRE or/and TOEFL scoresheet</li><li>• Curriculum Vitae (CV)</li><li>• Letter of Recommendation</li><li>• Statement of Purpose (SoP)</li></ul>
FR-4	User Requirements	<ul style="list-style-type: none"><li>• Upload all essential documents to the website's appropriate location.</li><li>• The system would extract all essential data based on the uploads.</li><li>• Based on the information that was scraped, a list of every potential university for the candidate would be displayed.</li></ul>

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	<ul style="list-style-type: none"><li>• The system doesn't require any prior technical knowledge from the user, thus even a novice user can access it.</li><li>• The user interface would prioritize recognition over recall.</li><li>• User friendly</li><li>• Pay attention to internal sources of control</li><li>• It wouldn't take long for the content to load and show (30 seconds).</li><li>• The fields in the site would be self-explanatory</li></ul>
NFR-2	<b>Security</b>	<ul style="list-style-type: none"><li>• Only the authenticated user will be able to use the site's services.</li><li>• The database should be backed up every hour.</li></ul>

		<ul style="list-style-type: none"> <li>• In the event of any error, the system ought to be able to resume regular functioning in less than an hour.</li> </ul>
NFR-3	<b>Reliability</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• The system will be operational every day of the week, 24 hours a day.</li> </ul>
NFR-4	<b>Performance</b>	<ul style="list-style-type: none"> <li>• The website can efficiently handle traffic by responding to requests right away.</li> <li>• A 64-kbps modem connection would take no longer than 30 seconds to see this webpage (quantitatively, the mean time)</li> </ul>
NFR-5	<b>Availability</b>	<ul style="list-style-type: none"> <li>• Low data redundancy</li> <li>• reduced error risk, quick and effective</li> </ul>
NFR-6	<b>Scalability</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• The system will likely be most stressed during the admissions season.</li> <li>• Therefore, it must be able to handle several users at once.</li> </ul>