

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

Date	9 November 2022
Team ID	PNT2022TMID04094
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 paperwork <ul style="list-style-type: none"><li>• Score report for the GRE or TOEFL</li><li>• Curriculum Vitae (CV)</li><li>• Recommendation letter</li><li>• Statement of Purpose (SoP)</li></ul>
FR-4	User Requirements	<ul style="list-style-type: none"><li>• Upload all necessary files to the proper area of the website.</li><li>• Based on the uploads, the system would extract the necessary data.</li><li>• A list of every probable university for the candidate would be shown based on the information that was scraped.</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>• Even a beginner user can access the system because it doesn't require any prior technological expertise from them.</li><li>• The user interface would give recognition more weight than recall.</li><li>• Friendly to users</li><li>• Be aware of internal sources of control</li><li>• The loading and display of the content wouldn't take too long (30 seconds).</li><li>• The site's fields would be self-explanatory.</li></ul>
NFR-2	<b>Security</b>	<ul style="list-style-type: none"><li>• The site's services may only be accessed by authorised users.</li><li>• Every hour, the database has to be backed up.</li></ul>

		<ul style="list-style-type: none"> <li>The system should be able to resume normal operation in less than an hour in the case of any errors.</li> </ul>
NFR-3	<b>Reliability</b>	<ul style="list-style-type: none"> <li>Given the importance of the data and the potential damage</li> <li>The damage that erroneous or inadequate data</li> <li>System will constantly aim for the highest level of dependability.</li> <li>The system will function every day of the week.</li> </ul>
NFR-4	<b>Performance</b>	<ul style="list-style-type: none"> <li>The website may effectively manage traffic by quickly responding to queries.</li> <li>This webpage may be seen in less than 30 seconds using a 64 kbps modem connection (quantitatively, the mean time)</li> </ul>
NFR-5	<b>Availability</b>	Low data redundancy, lower danger of mistake, and quick and efficient
NFR-6	<b>Scalability</b>	<ul style="list-style-type: none"> <li>An academic portal is required for the courses that use it, therefore a large number of users must be able to use the system at once.</li> <li>The system must be able to accommodate several users at once because the admissions season is likely to be its busiest time.</li> </ul>