

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

Date	16 October 2022
Team ID	PNT2022TMID28129
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 Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Profile	User should fill in their following details: Name High school and UG Marks Specialization GRE or/and TOEFL Score Sheet Languages Known Nationality Contact Details
FR-4	User Requirements	Upload all the relevant documents. Based on the uploads, the system would scrape all the necessary information.
FR-5	User Preference	Select the Preferred Countries
FR-6	Display List of Colleges	According to the user profile and uploaded documents filter out the colleges according to the user preference Display the list of colleges the student is eligible for.

**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 technical skills.</li><li>• User friendly.</li><li>• Easily Understandable</li><li>• Faster results (doesn't take a lot of time for loading)</li></ul>
NFR-2	<b>Security</b>	<ul style="list-style-type: none"><li>• Only the authenticated user would be able to utilize the services of the site.</li><li>• Database should be backed up every hour.</li></ul>

		<ul style="list-style-type: none"> <li>• The system will provide security against cross site forgery.</li> </ul>
NFR-3	<b>Reliability</b>	<ul style="list-style-type: none"> <li>• The system should run under stated conditions without any failure</li> <li>• 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</li> </ul>
NFR-4	<b>Performance</b>	<ul style="list-style-type: none"> <li>• The website can efficiently handle the traffic.</li> <li>• Viewing this webpage using a 56 -kbps modem connection would not exceed 30 seconds (quantitatively, the mean time).</li> </ul>
NFR-5	<b>Availability</b>	<ul style="list-style-type: none"> <li>• Easy access</li> <li>• Minimal data redundancy</li> <li>• Less prone to errors</li> </ul>
NFR-6	<b>Scalability</b>	<ul style="list-style-type: none"> <li>• Provides concurrent access</li> <li>• The admission season is probably when the system will be under the most strain.</li> <li>• Manages a huge amount of users.</li> </ul>