

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

Date	05 October 2022
Team ID	PNT2022TMID19434
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>• Statement of Purpose (SoP)</li><li>• Letter of Recommendation</li></ul>
FR-4	User Requirements	<ul style="list-style-type: none"><li>• Upload all the relevant documents in the appropriate location in the website</li><li>• Based on the uploads, the system would scrape all the necessary information</li><li>• The list of all possible university for the candidate would be displayed based on the scraped information</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 expect any technical pre-requisite from the user i.e.; even the naïve user can access it</li><li>• The UI would focus on recognize over recall</li><li>• User friendly</li><li>• Reduced focus on Short Term memory load Focus on Internal Locus of Control</li><li>• The page would not take a lot of time to load the content and display them (&lt; 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 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>Under any error, the system should be able to come back to normal operation in under an hour.</li> </ul>
NFR-3	<b>Reliability</b>	<ul style="list-style-type: none"> <li>The system would always strive for maximum reliability due to the importance of data and damages that could be caused by incomplete and incorrect data</li> <li>The system will run 7 days a week, 24 hours a day</li> </ul>
NFR-4	<b>Performance</b>	<ul style="list-style-type: none"> <li>The website can efficiently handle the traffic by serving the request as soon as possible</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>Minimal data redundancy</li> <li>Less prone to errors</li> <li>Fast and efficient</li> <li>The system will run 7 days a week, 24 hours a day</li> </ul>
NFR-6	<b>Scalability</b>	<ul style="list-style-type: none"> <li>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.</li> <li>The admission season is probably when the system will be under the most strain.</li> <li>It must therefore be able to manage numerous concurrent users.</li> </ul>