

## 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 Interaction	User Interact with the Web page.
FR-2	User Details	Submit the documents <ul style="list-style-type: none"><li>• GRE or/and TOEFL Score Sheet</li><li>• Curriculum Vitae (CV)</li><li>• Statement of Purpose (SOP)</li><li>• Letter of Recommendation</li></ul>
FR-3	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.

<b>NFR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
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>• 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></ul>
NFR-2	<b>Reliability</b>	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.
NFR-3	<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-4	<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></ul>
NFR-5	<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>