

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

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Team ID	PNT2022TMID30773
Project Name	University Admit Eligibility Predictor

**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 Information	All the grades and scores necessary for the user's admission will need to be provided. These include, <ul style="list-style-type: none"><li>English Proficiency Test scores (at least one of the following 2):<ul style="list-style-type: none"><li>IELTS BAND score on a 9-point scale</li><li>TOEFL score out of 120 marks</li></ul></li><li>Knowledge Evaluation Test scores (which test score depends on which program the student wishes to apply to):<ul style="list-style-type: none"><li>GRE score out of 340 marks</li><li>GMAT score out of 800 marks</li></ul></li><li>High School / Undergraduate CGPA on a 4.0-point scale</li></ul>
FR-4	User Tasks	The user should complete the following tasks to get their admission prediction scores: <ul style="list-style-type: none"><li>Create an account and enter all the required personal details</li><li>Upon successful verification, enter the test scores required for admission prediction</li><li>Select the university(s) the user wishes to apply to</li></ul> Upon immaculate completion of these tasks, the user's chances of acceptance to the selected university(s) will be provided

**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>• Relatively simple interface so User – Friendly</li> <li>• User does not need to know how the solution works i.e., no technical expertise is required to use the product</li> <li>• Takes very little time to provide results as our solution will be adequately optimized under various operational conditions</li> </ul>
NFR-2	<b>Security</b>	<ul style="list-style-type: none"> <li>• Standard authentication protocols will be implemented.</li> <li>• Only those with the correct credentials will be allowed to login into their account</li> <li>• Privacy is guaranteed. The user's personal information will not be shared with any third party</li> </ul>
NFR-3	<b>Reliability</b>	<ul style="list-style-type: none"> <li>• The user can rely on the solution to provide results with the highest possible accuracy</li> <li>• The solution will be thoroughly optimized and tested to ensure fault-free operation</li> <li>• Easy-to-use interface, thus the user can share or recommend the solution to friends and family and rest assured that they won't be perplexed</li> </ul>
NFR-4	<b>Performance</b>	<ul style="list-style-type: none"> <li>• The solution will be sufficiently trained to function under stressful workloads</li> <li>• Efficiently optimized to provide results as soon as possible given the speed of the user's internet connection</li> <li>• Concrete and precise results are guaranteed</li> </ul>
NFR-5	<b>Availability</b>	<ul style="list-style-type: none"> <li>• The solution will be available 24/7 discounting the maintenance periods</li> <li>• Performance of the solution will always be monitored to ensure flawless results at all times</li> <li>• Any reported errors will be quickly fixed so quick recovery is warranted</li> </ul>
NFR-6	<b>Scalability</b>	<ul style="list-style-type: none"> <li>• The solution can be enhanced to provide predictions on universities around the world.</li> <li>• The accuracy of the results can also be improved by integrating another ML approach if it is found to be more effective</li> <li>• The system can be improved to handle more concurrent users if available capacity is not adequate enough</li> </ul>