<p align="center">Project Design Phase-II</p>

Solution Requirements

(Functional & Non-functional)

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Team ID	PNT2022TMID47442
Project Name	Project - 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 Information	All the grades and scores necessary for the user's admission will need to be provided. These include, • English Proficiency Test scores (at least one of the following 2): i. IELTS BAND score on a 9-point scale ii. TOEFL score out of 120 marks • Knowledge Evaluation Test scores (which test score depends on which program the student wishes to apply to): i. GRE score out of 340 marks ii. GMAT score out of 800 marks • High School / Undergraduate CGPA on a 4.0-point scale
FR-2	User Tasks	The user should complete the following tasks to get their admission prediction scores: • Enter the test scores required for admission prediction • Select the university(s) the user wishes to apply to 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	**Usability**	- Relatively simple interface so User – Friendly - User does not need to know how the solution works i.e., no technical expertise is required to use the product - Takes very little time to provide results as our solution will be adequately optimized under various operational conditions
NFR-2	**Security**	- Standard authentication protocols will be implemented. - Only those with the correct credentials will be allowed to login into their account - Privacy is guaranteed. The user's personal information will not be shared with any third party
NFR-3	**Reliability**	- The user can rely on the solution to provide results with the highest possible accuracy - The solution will be thoroughly optimized and tested to ensure fault-free operation - 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
NFR-4	**Performance**	- The solution will be sufficiently trained to function under stressful workloads - Efficiently optimized to provide results as soon as possible given the speed of the user's internet connection - Concrete and precise results are guaranteed
NFR-5	**Availability**	- The solution will be available 24/7 discounting the maintenance periods - Performance of the solution will always be monitored to ensure flawless results at all times - Any reported errors will be quickly fixed so quick recovery is warranted
NFR-6	**Scalability**	- The solution can be enhanced to provide predictions on universities around the world. - The accuracy of the results can also be improved by integrating another ML approach if it is found to be more effective - The system can be improved to handle more concurrent users if available capacity is not adequate enough