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

Team ID	PNT2022TMID07067
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, • 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-4	User Tasks	The user should complete the following tasks to get their admission prediction scores: • Create an account and enter all the required personal details • Upon successful verification, 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