Solution Requirements (Functional & Non-functional)

Team ID	PNT2022TMID34683
Project Name	Project – University Admit Eligibility Predictor

Functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Interactive and Effective UI Visualization of Progress Customer Satisfaction Ease of Learning
NFR-2	**Security**	Frequent Updates using the Customers' feedback. Automatic Logout when the app is not in use to prevent unauthorized access to the user's account.
NFR-3	**Reliability**	The predictor system will be consistent in order for the system to produce trustworthy and accurate outcomes.

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 Data Collection	The following details of Students' Score are collected: HSC SSLC CGPA if their PG Applicants.
FR-4	Evaluation	Using ML algorithms to analyse the data entered by the students and testing the developed ML model with the supplied data.
FR-5	Prediction	Prediction is done based on the result of evaluation, the List of Universities for which the students are eligible to apply will be displayed.
FR-6	Output	Based on their eligibility, students move forward with the admissions procedure to the predicted university and course.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

NFR-4	**Performance**	As logistic regression is applied to develop, performance will be more effective.
NFR-5	**Availability**	Users will be able to access the system predictor at any time, anyplace, as needed.
NFR-6	**Scalability**	It can handle any amount of data and perform many computations in a cost effective and time-saving way.