Solution Requirements (Functional & Non-functional)

Date	16 October 2022
Team ID	PNT2022TMID35628
Project Name	Project – University Admit Eligibility Predictor
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 Data Collection	The following details of Students' Score are collected: HSC, Community, Rank, Community Rank.
FR-2	Evaluation	Using ML algorithms to analyse the data entered by the students and testing the developed ML model with the supplied data.
FR-3	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-4	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.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Interactive and Effective UI Visualization of Progress Customer Satisfaction Ease of Learning
NFR-2	**Reliability**	The predictor system will be consistent in order for the system to produce trustworthy and accurate outcomes.

NFR-4	**Performance**	As Decision tree is applied to develop, performance will be more effective.
NFR-5	**Availability**	Users will be able to access the systempredictor 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.