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

Date	18October 2022
Team ID	PNT2022TMID49628
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 Registration	• Registration through Form • Registration through Gmail
FR-2	User Confirmation	• Confirmation via Email • Confirmation via OTP
FR-3	User filling the Required details	• Enter the marks or percentage obtained in SSLC and HSC. • Enter the UG percentage or CGPA for PG admission.
FR-4	Analyzing	• Analysis user credentials and compare with universities criteria.
FR-5	predicting	• Predicting the probability for getting admissions in the universitis by analysing various machine learning algorithms.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	• No training is required to use the website. • The form, home, about, FAQ and analysis pages load up within 10 seconds. • The results from the predictor should not take more than 30 seconds .

NFR-2	**Security**	• The system shall provide password protected access to the website to all users – students and admins.
NFR-3	**Reliability**	• The system shall be completely operational all hours of the day unless system failure or upgrade work is to be performed • Down time after a failure shall not exceed 24 hours .
NFR-4	**Performance**	• The mean time to view a web page over a 56kbps modern connection shall not exceed 5 seconds.
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.