

**Solution Requirements (Functional &  
Non-functional)**

Date	28 October 2022
Team ID	PNT2022TMID53812
Project Name	Project – University Admit Eligibility Predictor
Maximum Marks	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

<b>FR No.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
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 information about students' scores is gathered: If they are PG applicants, their HSC SSLC CGPA.
FR-4	Evaluation	Analysing the data entered by the pupils using ML algorithms and putting the ML model that has been produced to the test using the supplied data.
FR-5	Prediction	The list of universities to which the students are qualified to apply will be shown after the prediction is made based on the findings of the evaluation.
FR-6	Output	Students proceed with the admissions process to the anticipated university and course based on their eligibility.

**Non-functional Requirements:**

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

<b>FR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
NFR-1	<b>Usability</b>	Interactive and powerful progress visualisation Customer Satisfaction Easy to Learn
NFR-2	<b>Security</b>	Regular Updates based on Customer Feedback. When the programme isn't being used, it automatically logs out to prevent unauthorised users from accessing the user's account.
NFR-3	<b>Reliability</b>	For the system to generate reliable and accurate results, the predictor system must be consistent.
NFR-4	<b>Performance</b>	Performance will improve if logistic regression is applied to the development.
NFR-5	<b>Availability</b>	The system predictor will be accessible to users wherever they are and whenever they need it.
NFR-6	<b>Scalability</b>	It can handle any volume of data and carry out several computations efficiently and quickly.