

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

Date	29 October 2022
Team ID	PNT2022TMID10517
Project Name	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 Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Data Collection	The following details of Students' Score are collected: HSC scores, SSLC grades, and CGPA if they are applying to PG programs.
FR-4	Evaluation	Using ML algorithms to analyse the data provided 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 universities where students are eligible to apply will be displayed.
FR-6	Output	Based on their eligibility, students move forward with the admissions procedure to their 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	User Interface Design for Interactive and Effective Visualization of Progress Customer Satisfaction and Learning Ease
NFR-2	Security	Frequent Updates using the Customers' feedback. Automatic Logout when the app is not in use to prevent unauthorized access to user accounts.
NFR-3	Reliability	It is essential that the predictor system will be consistent in order for the system to produce trustworthy and accurate outcomes
NFR-4	Performance	Effective because of using Logistic regression.
NFR-5	Availability	System predictors will be accessible at any time, anywhere as needed.

NFR-6	Scalability	It is capable of handling large amounts of data and performing many computations in a cost-effective and time-saving manner.
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