

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

Date	17 October 2022
Team ID	PNT2022TMID12080
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	Registration of new user	Registration through <ul style="list-style-type: none"> Forms Email
FR-2	Confirmation of registration	Confirmation through <ul style="list-style-type: none"> Email
FR-3	Authenticate User	Verification of user through <ul style="list-style-type: none"> Email
FR-4	Fill out a form	Users input their academic transcripts data that include: <ul style="list-style-type: none"> GRE Score TOEFL Score CGPA LOR Score Research experience 10th & 12th grade percentile(in case of UG admission)
FR-5	Administrator	Access all the records in the database on a “read-only” basis
FR-6	Help and support	The system shall provide all users with answers to the most common FAQ’s .
FR-7	User data tracking	The system shall allow the user’s details to be stored for the next time they return to the website.
FR-8	Prediction of admission	To provide a prediction of their chances of admissions to the university based on the mapping between their requirements and the student’s results.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none"> The system should be easy to install and simple to use 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	<ul style="list-style-type: none"> The system should authenticate users The system shall provide password protected access to the website to all users – students and admins both.

NFR-3	Reliability	<ul style="list-style-type: none"> • The system should perform the intended tasks for a specific. • The system shall be completely operational all hours of the day unless system failure or upgradation work is to be performed
NFR-4	Performance	<ul style="list-style-type: none"> • The system can support any number of users at a time. • The mean time to view a web page over a 56Kbps modem connection shall not exceed 5 seconds.
NFR-5	Availability	<ul style="list-style-type: none"> • The system should be available all the time when required.
NFR-6	Scalability	<ul style="list-style-type: none"> • The system should be able to add new features.