

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

Date	16 October 2022
Team ID	PNT2022TMID20129
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 User	Registration via forms Registration via gmail
FR-2	Confirmation of User	Confirmation via Email Confirmation via OTP
FR-3	User Details	Submit the documents <ul style="list-style-type: none"> • GRE/TOEFL mark sheet • Resume/Bio • Recommendation Letter
FR-4	User Requirements	<ul style="list-style-type: none"> • Have to upload the required relevant documents in the specified location in the website • After Observing the uploads, the system would scrape all the required information for prediction • List all possible universities for the student shown based on the collected information

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"> • This system doesn't expect any technical pre-requisite/knowledge from the user • It is very user friendly • Reduced focus on Short Term memory load Focus on Internal Locus of Control • It loads the content and displays them (< 30 seconds) i.e. user doesn't wait for a while • The fields in the website are quite easy to understand and self-explanatory
NFR-2	Security	<ul style="list-style-type: none"> • The authenticated user could be able to access the services of the site. • User Data is saved and updated every hour

		<ul style="list-style-type: none"> • In case of failure, the system should be able to come back to normal operation within 1 hour
NFR-3	Reliability	<ul style="list-style-type: none"> • The website would always try to get back normal with maximum reliability due to the damages that could be caused because of incomplete and incorrect data
NFR-4	Performance	<ul style="list-style-type: none"> • It can balance the traffic efficiently by service the request quickly as much as possible
NFR-5	Availability	<ul style="list-style-type: none"> • Little bit of data redundancy • There may be some prone to error • Quick, Compatible and robust • It works 24x7
NFR-6	Scalability	<ul style="list-style-type: none"> • The number of students is getting increasing now days so it is crucial that a more number of users/students should be able to access the system at the same time without any delay • The admission season is probably when the system will be under the most strain. • It must therefore be able to manage numerous concurrent users.