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

Date	15 October 2022
Team ID	PNT2022TMID13046
Project Name	Project – University Admit Eligibility Predictor
Maximum Mark	4 Mark

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 Details	Enter the Marks scored • HSC/Diploma score • GRE score • TOEFL score • GATE score • IELTS score • CGPA etc.
FR-4	User Requirements	• Choose the tier of university they wish to apply and then get a prediction of their chances of admission to that level university based on the mapping between their requirements and the student's results. • The system shall allow the user's details to be stored for the next time they return to the website. • If the user chooses to take a new evaluation, the most recent inputs as well as prediction shall replace any previous data.

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 & admins both.
NFR-3	**Reliability**	• University Application process itself being a tedious task students needs lots of endeavour and determination for completing overall application process. • It seems students have to work on lots of things when he/she prepares for application process. • It would definitely be easier for students if they get relief from step of selecting best suited universities and colleges for application. • This would encourage them to work vigorously on other application components so that their application candidacy will be potent enough to be selected. • This system shall be completely operational all hours of the day unless system failure or upgradation work is to be performed. • Downtime after a failure shall not exceed 24 hours.
NFR-4	**Performance**	• This system can support any number of users at a time. • The mean time to view a webpage over a 56 Kbps modem connection shall not exceed 5 seconds.
NFR-5	**Availability**	• Easy access of data. • Avoids data redundancy and inconsistency. • It is fast, efficient and reliable. • Very user friendly. • Chances of occurrence of error is less when compared to existing system.

| NFR-6 | **Scalability** | This will also help you to finalize your dream schools with a realistic road map, with the help of factual information coupled with a bit of reality check on your academic scores, credentials, work experience, your eminence over your peers. On the other hand, we have connoisseurs who shall work with you to amplify your prospects of receiving offers by ensuring that the universities you apply, do not digress from your profile, and chiefly your ambition. However with open source technology widely available, analytics tools are easier to access and are getting more affordable. The key lies in investing in analytics professionals that can contribute effectively to the entire process. Another concern is privacy and ownership for both students and teachers. |