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

Date	25 October 2022
Team ID	PNT2022TMID16591
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 Login	Login through username and password Login through Gmail Login through Linkedin
FR-4	Administration work	Check qualified candidate detail Make allotment
FR-5	Admission Details	Check seat availability Check college infrastructure Check fees details
FR-6	Local counsellor	Issue the final allotment order

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Usability is a non-functional requirement, because in its essence it doesn't specify parts of the system functionality, only how that functionality is to be perceived by the user, for instance how easy it must be to learn and how efficient it must be for carrying out user tasks.

NFR-2	**Security**	Security is a non-functional requirement assuring all data inside the system or its part will be protected against malware attacks or unauthorized access Frequent Updates using the Customers' feedback. Automatic Logout when the app is not in use to prevent unauthorized access to the user's account. i. Keep specific log or history data sets. ii. Utilize certain cryptographic techniques. iii. Restrict the no of systems that can access the online admission system site.
		Every user should be licensed to use the systemunder any of the four categories provided i.e. either verifier or advisor or local counsellor or administrator.
NFR-3	**Reliability**	All data storage for user variables will be committed to the database at the time of entry. Data corruption is prevented by applying the possible backup procedures and techniques.
NFR-4	**Performance**	As logistic regression is applied to develop, performance will be more effective Availability results of the requested college should be presented to the student in max of two seconds, so retrieving of data should be reliable. As each student will be given a maximum timeof 10min, accessing from the database should be done at relevant speed.
NFR-5	**Availability**	The system should available at all the time meaning that the user can access easily. Increase ofthe hardware and data base failure a replacement page will be show and for database back should be retrieved from data folder.
NFR-6	**Scalability**	Assesses the highest workloads under which the system will still meet the performance Deals withthe measure of the system's response time under different load conditions requirements. It can handle any amount of data and perform many computations in a cost effective and time-saving way.