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

Date	23 October 2022
Team ID	PNT2022TMID35340
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	User Registration	In order to prevent unauthorised access to the system, users must be able to log into their accounts using the system by providing their email and password.
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Data Management	This application enables the user to CRUD (Change, Read, Update, and Delete) data.
FR-4	Web Service Management Process	Web Service Management is the process of registering a web client to provide SSO (Single sign-on) or member data transmission.
FR-5	Data retention	The proposed application system handles historical data archiving, retrieval, and retention.
FR-6	User Deliverables	Submission of relevant documents - Required Entrance Exam Marksheet, Curriculum vitae(CV), Personal Information, Letter of Recommendation
FR-7	User Profile	Applicant's dashboards - Personal information, wishlist, skills and course, percentage

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	A logical interface is required to make the system easy to use and to speed up typical processes. The mistake rate of users

		providing their information on the checkout page must not exceed 10%.
NFR-2	**Security**	Authorization access scenarios and definitions, as well as student record handover processes between universities. Utilize certain cryptographic techniques. When the application is validating the user or licence, communication must be limited.
NFR-3	**Reliability**	Data corruption is avoided by employing backup methods and strategies. At the moment of input, all data stored for user variables will be committed to the database.
NFR-4	**Performance**	The availability results of the requested college should be supplied to the student in little more than two seconds, and data retrieval should be trustworthy because each student will be granted a maximum of 10 minutes, accessing the database should be done at a reasonable speed.
NFR-5	**Availability**	The system should be available at all times, allowing the user easy access. If the hardware or database fails, a substitute page will be displayed, and the database should be obtained from the data folder.
NFR-6	**Scalability**	Determines the highest workloads under which the system will still run satisfactorily. Deals with the measurement of the system's reaction time under varied load circumstances.