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

Date	03 October 2022
Team ID	PNT2022TMID04288
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	Users must be able to log into their accounts using the system by entering their email and password in order to prevent unauthorised access to the system.
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Management of Data	This application gives the user the ability toChange, Read, Update, and Delete (CRUD) data.
FR-4	Process for Managing Web Services	The process of registering a web client to offer Single sign-on(SSO) or member data transfer
FR-5	Data Maintenance	The suggested application system manages the archiving, retrieval, and preservation of historical data.
FR-6	User Deliverables	Submission of pertinent documentation, including the necessary entrance exam score report, a curriculum vitae, a personal information, and a letter of recommendation
FR-7	User Account	Dashboards for applicants: Personal data, course and skill requirements, and percentage

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	➢ The system must have a logical interface in order to be user-friendly and accelerate common procedures. ➢ Users cannot enter their information incorrectly more than 10% of the time on the checkout page.
NFR-2	**Security**	➢ Student record handover procedures between institutions as well as authorization access situations and definitions. ➢ Use specific cryptography methods. ➢ Communication must be restricted while the application is validating the user or licence.

NFR-3	**Reliability**	➢ By using backup techniques and tactics, data corruption may be prevented. ➢ All user variable data will be committed to the database at the time of entry.
NFR-4	**Performance**	➢ Each student will be given a maximum of 10 minutes, thus accessing the database should be done at a fair rate. ➢ The availability results of the requested college should be sent to the student in little more than two seconds, and data retrieval should be accurate.
NFR-5	**Availability**	➢ The user should always have simple access to the system at all times. ➢ A replacement page will be shown in the event when the hardware or database malfunctions, and the data folder should be accessed to retrieve the database.
NFR-6	**Scalability**	➢ Identifies the maximum workload at which the system will still function properly. ➢ Focuses on measuring the system's response time under different loads.