

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

Date	03 October 2022
Team ID	PNT2022TMID15504
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	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Instant Prediction	It is provided by filling the details and submitting the form. Form will be given Fill the form Submit the form. Get Instant Prediction
FR-4	Search Result	Displays the college specific details when the feature is clicked. Enter the college name in the given field. Get the details about the college
FR-5	Student Data Management	Previous year students' dataset is maintained and updated. Students can access these data in read-only mode. Students cannot update the database.
FR-6	University Details	In-detail information like placements and higher studies will be displayed

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">• 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	<ul style="list-style-type: none">• The system shall provide password protected access to the website to all users – students and admins both
NFR-3	Reliability	<ul style="list-style-type: none">• The system shall be completely operational all hours of the day unless system failure or upgradation work is to be performed• Down time after a failure shall not exceed 24 hours
NFR-4	Performance	<ul style="list-style-type: none">• The system can support any number of users at a time.• The mean time to view a web page over a 56Kbps modem connection shall not exceed 5 seconds
NFR-5	Availability	<ul style="list-style-type: none">• The product is always readily available.• The system will be able to incorporate more features without major reengineering.• The system web site shall be viewable from Internet Explorer 4.0 or later, Netscape Navigator/Communicator 3.0 or later and the America Online web browser version 3.0 or later.
NFR-6	Scalability	<ul style="list-style-type: none">• It can deliver the same throughput for varying levels of load on the internal applications, hardware, and database. Lesser response time