

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

Team ID	PNT2022TMID11646
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
FR-2	User Information	<p>All the grades and scores necessary for the user's admission will need to be provided. These include,</p> <ul style="list-style-type: none"><input type="checkbox"/> English Proficiency Test score - TOEFL score out of 120 marks<input type="checkbox"/> Knowledge Evaluation Test score - GRE score out of 340 marks<input type="checkbox"/> High School / Undergraduate CGPA out of 10 point<input type="checkbox"/> Collect other info about University Rating, SOP, LOR and Research data from the users.
FR-3	Result Display	<p>The user should complete the following tasks to get their admission prediction:</p> <ul style="list-style-type: none"><input type="checkbox"/> enter the test scores required for admission prediction<input type="checkbox"/> The user's chances of acceptance will be provided and sent through mail or SMS.
FR-4	User Confirmation	Confirmation via Email Confirmation via OTP

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"><input type="checkbox"/> User-Friendly.<input type="checkbox"/> No technical Experience is required to use the website.<input type="checkbox"/> It takes less time to show the output.
NFR-2	Security	<ul style="list-style-type: none"><input type="checkbox"/> Standard authentication protocols will be implemented.<input type="checkbox"/> Data is secure.
NFR-3	Reliability	<ul style="list-style-type: none"><input type="checkbox"/> High accuracy so it can reliable for the users to make decisions.<input type="checkbox"/> Easy-to-use interface, thus the user can share or recommend the solution to friends.
NFR-4	Performance	<ul style="list-style-type: none"><input type="checkbox"/> This system can support any number of users at a time.<input type="checkbox"/> Efficiently optimized to provide results as soon as possible given the speed of the user's internet connection.
NFR-5	Availability	<ul style="list-style-type: none"><input type="checkbox"/> The solution will be available 24/7.<input type="checkbox"/> Avoids data redundancy and inconsistency.<input type="checkbox"/> It is fast, efficient and reliable.<input type="checkbox"/> A chance of occurrence of error is less when compared to existing system.
NFR-6	Scalability	<ul style="list-style-type: none"><input type="checkbox"/> The accuracy of the results can also be improved by integrating another ML approach if it is found to be more effective.<input type="checkbox"/> The system can be improved to handle more concurrent users if available capacity occur