

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID08827
Project Name	Project – University Admit Eligibility Predictor
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"> ➤ The User is a Student he needs a way to computerization of Entrance seat allotment and this machine learning model helps to filter the Eligible students to enter a university admission using CS program.
2.	Idea / Solution description	<ul style="list-style-type: none"> ➤ Linear Regression Model it is an algorithm based on the supervised learning of computers, it does the role of regression model predictive goal value. ➤ And also Ridge regression , Random Forest Methods are used to the parameter estimates in the hope of reducing uncertainty, increasing the accuracy score above 80% ➤ A GUI was developed to make the program, from a non-technical perspective, usable and user Friendly.
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> ➤ The main goal of the system is to automate the process carried out in the organization with improved performance and realize the vision of paperless admission. ➤ The system shall allow the user's details to be stored for the next time they return to the website. If the user chooses to take a new evaluation, the most recent inputs as well as prediction shall replace any previous data.
4.	Social Impact / Customer Satisfaction	<p>The Social impacts of the system are listed below:</p> <ul style="list-style-type: none"> ➤ Manage large number of student details. ➤ Manage all details of student who registered for the course ➤ Create student accounts and maintain the data is effectively. ➤ View all the details of the students. ➤ Reduce the work load in interview the students for selection. ➤ Activities like updating, modification, deletion of records should be easier. ➤ Easy Accessible and User friendly.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ➤ In the Business point of view paperless work and man power saving, fully upgradable computerization process, easy admission and profitable approach to right candidate for select a right universities/colleges.

		And Useful for those who want to study abroad in MBA or other courses.
6.	Scalability of the Solution	The system shall provide the user access to the AI predictor, wherein the user will be able to fill in a form with their academic transcripts data (GRE score, TOEFL Score, CGPA, SOP Score, LOR Score, Research experience), choose the tier of university they wish to apply to (1-5(top level)) and then get a prediction of their chances of admissions to that level university based on the mapping between their requirements and the student's results.