Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID37882
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)	➢ 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	➢ **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	➢ 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	The Social impacts of the system are listed below: ➢ 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)	➢ 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.