

Project Design Phase-I
Proposed Solution Template

Date	10 October 2023
Team ID	PNT2022TMIDxxxxxx
Project Name	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 model's basic goal is to predict university admission with accuracy and efficiency to aid students in making college decisions.
2.	Idea / Solution description	College admission is handled through the use of a machine learning algorithm. Rows of feature vector, including grades, cut off, categories, and other data, are used as the algorithm's input. The student's eligibility for admission to that college or university is then predicted using a decision tree and random forest.
3.	Novelty / Uniqueness	The model will not only show you how you compare to students who were accepted into a college, but also how you compare to students who were rejected from that college or who are considering it in their search.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• Students will find it simple• Affordable• Efficient, and safe
5.	Business Model (Revenue Model)	The app's services will be available to students free of charge under the model being used. It is intended to increase the requirement for subscription for particular services if the programme is utilised by more students.
6.	Scalability of the Solution	Given the size of the dataset and the related noise, there will be a significant amount of pre-processing required in this situation. The model's output is dependent on the input. The outcome of the data is entirely based on the information gathered from earlier records.