

PROJECT DESIGN PHASE I
PROPOSED SOLUTION

DATE	24 September 2022
TEAM ID	PNT2022TMID32434
PROJECT NAME	University Admit Eligibility Prediction
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 Students who are seeking admission into universities needs a way to predict the possibility of admission and accurately predict the chance of admit.
2.	Idea / Solution description	Creating a machine learning model predicting the eligibility of students getting admission in best university based on their Test attributes like GRE,TOEFL,LOR,CGPA etc. according to their scores the possibilities of chance of admit is calculated.
3.	Novelty / Uniqueness	We will achieve this aim by using the Linear Regression model. Based on the data that we have, we will split out data into training and testing set. The Training set will have features and labels on which our model would be trained. Once our model is trained, we will use the trained model and run it on the test set and predict the output. Then we will compare the predicted results with the actual results that we have to see how our model performed.

4.	Social Impact / Customer Satisfaction	Since it predicts the chances of admit earlier, it helps the students to save money to get advice from consultancy and accurately predict the results.
5.	Social Impact / Customer Satisfaction	Student admission problem is very important in educational institutions. This project addresses machine learning models to predict the chance of a student to be admitted. This will assist students to know in advance if they have a chance to get accepted.
6.	Scalability of the Solution	This model can be expanded to include more prediction for more accurate detection . Training the model with even more attributes will increase the efficiency further.