PROJECT DESIGN PHASE I

PROPOSED SOLUTION

DATE	13th October 2022
TEAM ID	PNT2022TMID32424
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)	Our aim is to design a college prediction system and to provide a probabilistic insight into college,administration for overall rating,cut -offs of colleges,admission intake and preference of students.Also,it helps students avoid spending time and money on counsellor and stressful research related to finding a suitable college.
2.	Idea / Solution description	Using this software,the entrance seat allotment become easier and can be implemented using system.Based on test attributes like SOP,TOEFL,GRE,CGPA,LOR,etc shortlisting all possible universities depend upon the scores they got.
3.	Novelty/Uniqueness	A method of predicting potential university rating to admit the students by machine learning algorithms as comparing performance between linear regression model, Decision tree model and logistic regression model.The experimental setup interms of dateset, features, correlations and data visualization. By using linear regression model split out data into training and testing set. The traning set will have features and labels on which our model would be trained .Once our model is trained, we will use trained model and run it on test set and predic output.

4.	Social impact/customer satisfaction	As it contain smallest number of errors, the goal is to help students can know how possibility of admission in universities. We can implement in less time for proper admission process. We can access anytime anywhere,since it is web application provided only an internet connection.We need not to travel a long distance for admission and time is also saved as result of automated system.
5.	Business model(Revenue model)	We create a mobile friendly website with an optimized landing page,It includes Digital advertising in our marketing budge and promote safety.
6.	Scalability of the solution	This model can be expanded to include more prediction for more accurate detection.Training model with even more attributes will increase efficiency further.