

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID35642
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)	To help students get into the best universities they are eligible for
2.	Idea / Solution description	Use of Machine Learning models to predict current year's admission criteria of different universities and web application for users to filter based on their preferences
3.	Novelty / Uniqueness	It also provides them answers to the most common FAQs that arise when thinking of admissions abroad for Postgraduate studies. Custom Filtering based on user specification. The Model can be improved as we gain more data about students. Details regarding the applicant's Statement of Purpose essay and Letters of Recommendation (a score can be assigned to rate these) can be used to improve the prediction accuracy. An alternative is to use Natural Language Processing methods to evaluate the essays and letters. In addition to this, the weightage given to the features can be varied according to past trends.
4.	Social Impact / Customer Satisfaction	College admission predictor is a boon to many students. This helps the student not only to help in filling out the application forms but also give the students an idea about their future college by calculating their cut off. When students come from rural places , they find it hard to go along with the formal procedures. So, this application helps them a lot and eases out their fear. This can be accessed anytime anywhere, since it is a web application provided only an internet connection.
5.	Business Model (revenue Model)	Subscription of different types(yearly/monthly-Platinum/gold/silver,etc)

6.	Scalability of the Solution	use of cloud technologies - Heroku (Paas) for deployment and elephant sql (postgresql database server using aws cloud)
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