

Project Design Phase-I
Proposed Solution Template

Date	29 September 2022
Team ID	PNT2022TMID00432
Project Name	Project – University Admit Eligibility Predictor
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Students are often worried about their chances of admission to University. The aim of this project is to help students in shortlisting universities with their profiles. The predicted output gives them a fair idea about their admission chances in a particular university. This analysis help students who are currently preparing or will be preparing to get a better idea.
2.	Idea / Solution description	<ul style="list-style-type: none">University Admission Predictor System is a webbased application system in which students can register their marks along with their personal information. This helps to predict their admissions in colleges. By collecting Student information such as their academic details the entrance seat allotment becomes easier and efficient.The prediction is determined by using Several ML models such as Linear Regression, Decision Trees and Random Forest algorithms to provide high accuracy using performance metrics such as score, precision, accuracy, recall.

3.	Novelty / Uniqueness	<ul style="list-style-type: none"> • 100 percent student data security which was not assured in previous Machine Learning models. • Providing an as accurate as possible prediction for the student's chances of admissions to the universities of their choice. • Real time application tracking.
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4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> • Customers can get access to the prediction model. Provide answers to most common FAQs regarding PG Admissions abroad. It provides an analysis conducted from dataset to the user in order to understand the weightage of various academic data values on their chances of admissions. • The web-based application reduces the dependency on educational institutions who charge a large amount of money for admission process. • Students can be shortlisted to universities that match with their dream universities.
5.	Business Model (Revenue Model)	<p>We propose a two tier system namely a 'free' and a 'premium' tier. The free tier would include ads and customers can apply to colleges with the information been asked. The premium tier is a recurring subscription either monthly or annually that removes all advertisements, increasing speed and efficiency.</p>
6.	Scalability of the Solution	<ul style="list-style-type: none"> • 24/7 student data access. One can access from anywhere around the world. The easy & intuitive navigation facility offers a seamless user experience to help students proceed with their online admissions. • Usage of cloud-based storage systems such as IBM cloud and using databases such as NoSQL instead of traditional database systems. • By including other criterion such as co-curricular achievement, job experience etc; in the future.