Project Design Phase-I Proposed Solution Template

Team ID	PNT2022TMID25845
Project Name	Project – University Admit Eligibility Predictor
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problemto be solved)	With the increased rates in the number of students/learners opting for abroad universities that provide niche and specialized courses/programs, higher job opportunities and salary packages, student want to be able to get in apt Universities. To make such informed decision student look for online free prediction tools that can present them instant results – comprehensive and detailed and need no fees and can be accessed easily.
2.	Idea / Solution description	The Prediction model will be built to be efficient and effective using Machine Learning algorithms like – KNN, linear regression etc that provides accurate prediction based on past data collected. Users will get instant prediction results – the percentage chance of eligibility- on a given input of exam scores and university. Provided in graphical representation users can quickly grasp the output.
3.	Novelty / Uniqueness	1.The prediction system will be embedded in an application service for ubiquitous access and free of charge, sign in requirements, 2. The results of prediction will be visualized in the form of intelligible charts/graphs with the past score/cut-off of a university, 3. Dispaly of all possible eligible University and the requirements other than grades, 4. Provision of necessary links/Blogs for users to discern.

4.	Social Impact / Customer Satisfaction	A fast, consistent and precise UAE prediction system will provide many advantages. 1. The user gets prompt results that are pictorially depicted, 2. Helps users to make informed judgement about Choosing the most fitting college. 3. Acts as a guide for users to prepare, with detailed information about GRE, TOFL etc. exams
5.	Business Model (Revenue Model)	The need for online prediction system/service is in high demand after the covid-19. Student/Users need instant and reliable predictors. This system can cater to wide range of users apart from students and can employ subscriptions, sign in and other features to gain revenue. The system can be licensed to further generate revenue.
6.	Scalability of the Solution	The prediction system equipped with efficient ML algorithm can be further integrated with features like -location based university recommendation system, Colleges with high rate of admit predictions etc. By employing advanced frameworks, the application can be further improved for better user experience and usability.