UNIVERSITY ADMIT ELIGIBILTY PREDICTOR

Project Design Phase-I
Proposed Solution

Date	25 October 2022
Team ID	PNT2022TMID16591
Project Name	University Admit Eligibility Predictor
Maximum Marks	2 Marks

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	Most of the people especially from the rural area are not that much aware of the standards which has been followed in various universities. At the time of completion of their higher secondary, they are having various stream willingness but not everybody is getting into the actual stream they have been wished. Same in the case of college too.
2.	Idea / Solution description	Providing an as accurate as possible prediction for the student's chances of admissions to the universities of their choice based on their academic transcripts with the help of an Web Application and Machine Learning algorithms .
3.	Novelty / Uniqueness	In our University Admit Eligibility Predictor, student can able to get the complete insights about all the possible colleges and branches based on their cut-offs and quota. It will be like the practice session for them before attending the counselling conducted by various universities.
4.	Social Impact / Customer Satisfaction	Our project let the students to know about the possible colleges and streams based on their cut-offs and quota. So, it will be very helpful forthem in their counselling processes.
5.	Business Model (Revenue Model)	From this project, financially can earn from the student admission fees but while they want to first select in their selected college in prediction. Although which is done by this project for prediction. In this project, this problem has been addressed by modelling a recommender system based on various classification algorithms. The required data was obtained from Based on this data set, various models were trained and one best and some other similar properties carrying universities are suggested for the students such that it maximizes the chances of a student getting an admit from that university list.

		who want to get the possible colleges and streams based on their cut-offs and quota.
6.	Scalability of the Solution	As the dataset size is huge, the noise associated with the data is also huge and the processing to be done is also high in this case. The output depends on the input given to the model. The response of the data is purely dependent on the data which is collected from the previous records.