PROBLEM STATEMENT

This is a Requirements Specification Document for a new Data science-based University Admit Eligibility Predictor . It is an AI based application that asks for the users to input their academic transcripts data and calculates their chances of admission into the University Tier that they selected. It also provides an analysis of the data and shows how chances of admissions can depend on various factors. This document describes the scope, objectives and goals of the system. In addition to describing the non-functional requirements.

Project Name: University Admit Eligibility Predictor

Development Platform: Jupyter Notebook and Anaconda application

In the current world scenario, it is not enough for a student to just have an Under Graduate degree. Most employers now look for higher qualifications in their new recruits. As a result, the demands for a good higher education are at an all time high. A lot of students prefer to continue their higher education.

In order to get admitted to these universities, a set of academic requirements are needed. However, because of the sheer number of universities of different levels, students are often stuck in a dilemma till the very last minute as to whether or not their applications will be accepted or not as no concrete documentation is available which lists the requirements.

Our AI Model that was built after considering many leading Machine Learning Algorithms, to provide the most accurate prediction of how much of a chance of admissions does a student's current grades and other academic transcripts allow them in the tier of universities of their choice.

The scope of this project is to allows the users to enter their academic data and get predictions of their chances of admissions in the university tier of their choosing.

A Database will also be implemented for the system so that students can save their data and review and edit it as they progress with the most recent predictions being saved with their profile.

Issues of web security other than password protection within the website are not part of this project.

Students- The people who will benefit the most from using this system are Indian students.

Administrators- The administrator shall be able to access all the data stored in the application.

The system will be available to all users from any location as long as they have an Internet connection. The administrator can also access the website from any location as long as he has the correct login credentials and access to the Internet.

Overview of Document

This system is needed so as to answer the queries of students in a compete and concise manner as well as to provide them an as accurate as possible analysis of their chances of admissions to their universities.

The system is built on a limited data set, this could affect the accuracy of the predictions as a whole.

The system cannot guarantee that our predictions will be a 100% guarantee of admissions because a lot other factors such as the Personal Interview also plays a major role in the admissions procedure.

Other factors such as changes in policies by the university or by the college can also affect chances of admissions in a way that is beyond the scope of this project.

Admissions also depend on the individual university's policy regarding the intake of students and is not modelled by o