**Project Design Phase-I**
**Proposed Solution**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID04288 |
| Project Name | University Admit Eligibility Predictor |
| Maximum Marks | 2 Marks |

**Proposed Solution:**

| S.No. | Parameter | Description |
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| 1. | Problem Statement (Problem to be solved) | ✓ Students frequently worry about their prospects of getting into university, which causes them to feel frustrated and anxious.<br>✓ They seek assistance from various educational consultancies to help them secure admission in the universities based on their profile because they are unaware of the procedures, requirements, and specifics of the institutions they wish to attend.<br>✓ In return, the students are expected to pay a significant amount as a consultancy fee. |
| 2. | Idea / Solution description | ✓ The system's major objective is to increase performance by automating organizational procedures and achieving the concept of paperless admission.<br>✓ Based on a variety of factors, including university ranking, the GRE, academic performance, etc., the model will accurately forecast if a student will be admitted to the institution of their choice.<br>✓ The prediction model will be developed to be effective and efficient with the use of machine learning algorithms like KNN, linear regression, etc. |
| 3. | Novelty / Uniqueness | ✓ The outcomes of the forecast will be represented visually in the form of clear charts or graphs that include the previous score or university cut-off.<br>✓ Additionally, the online application will give feedback on the aspects where the candidate falls short so that he may strengthen those areas.<br>✓ Apart from displaying all potential qualified universities, the model will also display any additional admission criteria.<br>✓ The website can include a variety of amenities that are accessible at the university and give directions to the institution where it is located. |

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| 4. | Social Impact / Customer Satisfaction | ✓ The direct linkage between students and institutions lowers the cost of consulting services.<br>✓ With comprehensive GRE, TOEFL, and other exam preparation resources, our model serves as a guide for users.<br>✓ By suggesting institutions where they have the highest chance of being admitted, it also assists them in reducing the number of applications they submit, helping them save money on application costs.<br>✓ Our system manages every aspect of a student's registration for a course and maintains the data in a useful, simply accessible state. |
| 5. | Business Model (Revenue Model) | ✓ Universities face enormous pressure to accept more students and guarantee student success. Predictive models can assist them reduce the stress of accepting new pupils and increase productivity, which will help them cope with this pressure.<br>✓ From a business perspective, paperless work, labour savings, a completely upgradeable computerization process, simple admittance, and a lucrative strategy in choosing the ideal applicant for the university.<br>✓ The online application could include advertisements for various colleges to generate revenue through nodes.<br>✓ In the future, a unique premium plan may be developed so that students can engage in direct video chats with professors and university graduates. |
| 6. | Scalability of the Solution | ✓ Using several classification algorithms, the student's GPA, GRE score, and TOEFL score will be considered as attributes to determine the best university for that student.<br>✓ In the future, we will include one faculty member from each institution to help students with questions about the school, the course, etc. We could include a chat option in this app as well.<br>✓ The model may be updated to keep up with the most recent qualifying requirements and take into account university-specific exams.<br>✓ As a result, the architecture of this system is largely scalable. |