# Project Design Phase-I

## Proposed Solution

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| **DATE** | 08 November 2022 |
| **TEAM ID** | PNT2022TMID13278 |
| **PROJECT TITLE** | University Admit Eligibility Predictor |
| **MAXIMUM MARK** | 2 Marks |

| S. No | Parameter | Description |
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| 1. | Problem Statement (Problem to be solved) | Students frequently have a number of inquiries when making educational plans regarding the programmes, colleges, employment prospects, costs involved, etc. One of their biggest concerns is getting into the university of their dreams. Students frequently choose to further their study at institutions with a solid international reputation. Concerns about getting into college are common among students. |
| 2. | Idea / Solution description | Data gathered from universities of previous year student admissions and input from users such as marks, preferences, by using applied data science we give prediction on the number of universities the current user is eligible to get admission and where his profile stand. |
| 3. | Novelty / Uniqueness | We'll be developing a straightforward user interface that will enable users to enter information about a student's profile and receive the application's forecasted result as an output. This project's goal is to assist students in narrowing down institutions based on their profiles. The anticipated results offer them a good indication of their prospects of admission to a particular university. |
| 4. | Social Impact / Customer Satisfaction | Students will eventually benefit from this research by not having to spend as much time and money at education consulting firms. Additionally, by suggesting institutions where they have the best chance of being admitted, it will help them reduce the number of applications they submit, saving them money on application fees. |
| 5. | Business Model (Revenue Model) | The model proposed here is giving premium filtering features for subscribed members and data of students who are willing to provide their information to universities. |

| 6. | Scalability of the Solution | As the dataset size is huge, the noise associated with the data is also huge and the pre-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. |
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