# Project Design Phase-I
# Proposed Solution Template

| Date | 24 September 2022 |
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| Team ID | PNT2022TMID37049 |
| Project Name | Project - University admit eligibility predictor |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

| S.No. | Parameter | Description |
|---|---|---|
| 1. | Problem Statement (Problem to be solved) | • Students are often worried about their chances of admission to university. <br> • Students have to go college by college to get admission, which takes a lot of time and money. <br> • When students come from rural places, they find it hard to go along with the formal procedures. <br> • Stressful conditions may occur while searching for best university |
| 2. | Idea / Solution description | • To avoid these difficulties, we will develop a online admission predictor system. <br> • The total time for the entrance allotment became lesser and the allotment process became faster. <br> • This can be accessed anytime and anywhere, since it is a online web application. <br> • This project is to help students in shortlisting universities with their profiles. <br> • The predicted output gives them a fair idea about their admission chances in a particular university. |
| 3. | Novelty / Uniqueness | • Students can register with their personal as well as marks details for prediction the admission in colleges and **the administrator can allot the seats for the students.** <br> • **Administrator can add the college details and the batch details and he/she can also add the allotted seats into a file and the details are saved into the database.** |

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| 4. | Social Impact / Customer Satisfaction | • This project is to save the students time and money that they have to spend at the education consultancy firms.<br>• It will help them to limit their number of application to a small number by providing them the suggestion of the university.<br>• No waiting in queues to buy an admission form. |
| 5. | Business Model (Revenue Model) | • Initially good amount of time was spent on understanding the problem statement by understanding the concerns of students regarding the current application process. Data required for the research was collected from multiple data sources, the data from multiple data sources were integrated into a final data-set. The user interface was developed to allow the users to access the models. |
| 6. | Scalability of the Solution | • A data science based system build on a linear regression model using the data set available on Kaggle for predicting chances of admissions for students. |