

Project Design Phase-I

Proposed Solution

Template

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| Date | 2 November 2023 |
| Team ID | 591606 |
| Project Name | ENVISIONING SUCCESS: Predicting University Scores Using Machine Learning |
| Maximum Marks | 2 Marks |

Proposed Solution Template:

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

| S.No. | Parameter | Description |
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| 1. | Problem Statement (Problem to be solved) | User(students, parents) In our society who needs a way to find a better decision about your education, quality of education Alumni Employment, Quality of faculty, Publications, Influence, Citations, and Patents.so that the user benefits and get a ensure that they receive a high-quality education and that universities are held accountable for their performance |
| 2. | Idea / Solution description | Develop a University Score Prediction System that provides users with a convenient web application to estimate university scores. The system will use a machine learning model to make predictions based on specific university characteristics. Users will input these characteristics, and the system will generate a predicted score. The system will serve as a valuable resource for prospective students and their families seeking data-driven insights when choosing a higher education institution. |
| 3. | Novelty / Uniqueness | Implement a system that can continuously update university data in real time. This way, users always have access to the most current information, and the model adapts to changes in universities' characteristics. Also, integrate a feature where current students and alumni can provide reviews and feedback on universities. This adds a qualitative dimension to the decision-making process and offers insights from those who have experienced the institution. |
| 4. | Social Impact / Customer Satisfaction | This system should promote equal access to education. By helping users make informed decisions, you contribute to breaking down barriers to higher education for individuals from diverse backgrounds, assisting users in selecting universities that align with their |

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| | | career aspirations, your system can contribute to better workforce preparation and career success. |
| 5. | Business Model (Revenue Model) | <ul style="list-style-type: none"> • Partnering with educational institutions, bookstores, test preparation services, and other education-related businesses. • Earn commissions for referring users to these partners through your platform when they purchase services or products. • Display relevant advertisements from educational institutions, scholarship providers, and other education-related companies on your platform. • Charge these advertisers based on impressions, clicks, or conversions. • Sell aggregated and anonymized data insights to universities, educational consultants, or research institutions, allowing them to better understand student preferences and trends. • Provide personalized consultation services for users seeking expert advice on their university choices. |
| 6. | Scalability of the Solution | Ensuring the scalability of our University Score Prediction System is essential to accommodate a growing user base and increased data volume. It should be a continuous process, with regular assessments and adjustments to accommodate the growth of your system. By applying the strategies and monitoring system performance, we can ensure that our University Score Prediction System remains responsive and reliable as it gains popularity. |