Problem-Solution fit

University Admit Eligibility Predictor

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Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

Recently graduated students who are waiting to join in prestigious universities.

6. CUSTOMER CONSTRAINTS — CC

Users would have to feed confidential information to the model so a certain section of customers might refrain from using the predictor due to a fear of data misuse.

5. AVAILABLE SOLUTIONS — AS

- We will also consider certain non-academic factors that play a role in the admission process of some universities, thereby further enhancing the reliability of the predictor.
- We will put the model through rigorous tests in order to boost the accuracy of the predictor.

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

- The major task is to design a university admission prediction system and to provide a probabilistic insight into the university rating, cutoffs, intake count and the students' university preferences.
- It is indeed a cumbersome task for students to find their best-suited university and course for their further post graduation.
- The students are to be provided with a list of universities where admission is feasible so that the student can choose from the list.

9. PROBLEM ROOT CAUSE — RC

- There may not be a single place where the students can find all the admission related information of the universities.
- The students may not be aware of the eligibility criteria of various universities in and around the world.
- The admission criteria of the colleges may not be consistent with the information provided by agents.

7. BEHAVIOUR — BE

- The most important aspect of the predictor from a customer's POV is its accuracy, since they would go through with their admissions based on its results.
- For a customer, data security is of utmost importance.

Focus on J&P, tap into BE, understand RC

Identify strong TR & EM

3. TRIGGERS — TR

- Students often get tensed and anxious about their admission chances of their desired universities.
- The students' peers may get lot of colleges to choose from, with lesser time and effort and lesser expenses.

4. EMOTIONS: BEFORE / AFTER — EM

Before: Insecure and unaware of the process, suffering to select the best-suited university.
After: Secure, user-friendly and aware of process. Reduced cost and does not miss out best universities.

10. YOUR SOLUTION — SL

- The focus is to reduce the time, effort and money spent on finding the universities where admission is feasible for pursuing higher education.
- The input to the system are student's academic details which includes CGPA, Scores in GRE, TOEFL, resume, LOR, SOP and other university eligibility features.
- The system uses a pre-trained machine model to predict the feasibility of admission in desired university based on the provided student data.
- The output of the system is the list of possible universities for the student to apply for admission.

8. CHANNELS of BEHAVIOUR — CH

ONLINE

- The students may browse the Internet to research about their desired universities and get to know required information.
- This is a time-consuming task and may miss out some universities of interest

OFFLINE

- Visit the desired universities in person and gather admission details.
- This incurs extra effort and expenses.

Extract online & offline CH of BE