Project Design Phase-I

Problem Solution Fit

Date	01 October 2022
Team ID	PNT2022TMID30140
Project Name	University Admit Eligibility Predictor
Maximum Marks	

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) CS

- High Schoolers.
- Under Graduates.
- Later Entries.
- Post Graduates.

6. CUSTOMER CONSTRAINTS CC

- Laptop or Mobile Devices with Network Connection.
- Students with Pass Percentage.
- Students who prefer Indian Universities.

5. AVAILABLE SOLUTIONS AS

- Many websites are available for checking students' eligibility for Foreign Universities.
- The websites available only predict the Universities based on their percentage but fails to ask for users' preference.

Explore AS, differentiate

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

2. JOBS-TO-BE-DONE / PROBLEMS J&P

- Many Consulting centres are Money and Time Consuming.
- Some students may not meet the Eligibility Criteria for their preferred Universities.
- The students may feel anxious and stressful in the process.
- Whether the fee of the University is affordable or not.

9. PROBLEM ROOT CAUSE RC

- The students have to approach a consulting centre or visit the university directly to know the details about the Universities.
- The eligibility criteria differ for each Universities in India based on their percentage and entrance exam performance.
- Though the student is eligible for a particular University they may not be eligible for the University or the Location they prefer.

7. BEHAVIOUR BE

- The High Schoolers or the Graduates work hard to attain their maximum scores in their final exams.
- The students visit various Universities and consulting centres to know about the Universities and its eligibility criteria.
- The students compete in competitive and entrance exams to increase their chance for getting admitted into a university.

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

Identify strong TR & EM

3. TRIGGERS TR

Students want to make their search for universities effective and easier.

4. EMOTIONS: BEFORE / AFTER EM

Many websites may not ask for the location preference which the user expects to know about.

10. YOUR SOLUTION SL

- Based on the user's profile and location preference the eligible universities are predicted using decision tree, KNN and random forest algorithm.
- The list of universities is ordered based on its ratings and the link to university websites and locations will also be provided.

8. CHANNELS of BEHAVIOUR CH

ONLINE

Based on the users need and preference the list of universities is predicted by the model.

OFFLINE

The user has to visit university personally.

Identify strong TR & EM