

1. CUSTOMER SEGMENT(S) **CS**

Users:

Students- The people who will benefit the most from using this system are Indian students. Especially students looking to pursue their higher education from foreign universities, particularly in the United States.

Administrators- The administrator shall be able to access all the data stored in the application.

6. CUSTOMER CONSTRAINTS **CC**

The primary constraints of the system are:

- Provide customers access to the prediction model
- Provide answers to most common FAQs regarding PG Admissions abroad
- Provide administrator access to all records
- Provide analysis of how the various academic factors affect university admission

5. AVAILABLE SOLUTIONS **AS**

- Linear Regression Model it is an algorithm based on the supervised learning of computers, it does the role of regression model predictive goal value.
- And also Ridge regression, Random Forest Methods are used to the parameter estimates in the hope of reducing uncertainty, increasing the accuracy score above 80%

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

- The students who are the beneficiary of this online admission process, face vivid problems in making an online transitions and filtering process.
- Among these problems the most common and frequently occurring problems for both rural and urban students are website are not working, connectivity, online payments, system requirements, cost of transactions and lack of customers care etc.

9. PROBLEM ROOT CAUSE **RC**

- The management of the online admission processes must focus to provide continuous follow-up, updation and the customer care to the students and customers.

7. BEHAVIOUR **BE**

The Behaviors of the system is,

- The entire process is very dynamic and no training is required to use the websites.
- Make it easier for fraudsters to manipulate the application process and eligibility requirements.

<p>3. TRIGGERS TR</p> <ul style="list-style-type: none"> ➤ May produce the inaccurate results if the data if the data is not feed properly. ➤ It requires active internet connection. 	<p>10. YOUR SOLUTION SL</p> <p>The system shall provide the user access to the AI predictor, wherein the user will be able to fill in a form with their academic transcripts data (GRE score, TOEFL Score, CGPA, SOP Score, LOR Score, Research experience), choose the tier of university they wish to apply to (1-5(top level)) and then get a prediction of their chances of admissions to that level university based on the mapping between their requirements and the student's results</p>	<p>8.CHANNELS of BEHAVIOUR CH</p> <p>8.1 ONLINE</p> <p>The candidate data is to be entered only once, No longer require to collect forms of all the candidates and file them, Paperless process, Man power saving and applicable for rural and urban students.</p> <p>8.2 OFFLINE</p> <p>The candidate's thoughts about the offline system are rigid learning schedules and inconvenience, High chances of distraction and inconvenient doubt resolution.</p>
<p>4. EMOTIONS: BEFORE / AFTER EM</p> <p>Before: There are lot of questions arrives in the users mind about the web application like How to handle the system? , If it is predict the eligibility of the admission process?</p> <p>After: Attractive and organized system, user friendly interface, precise and reliable and finally fair admission process.</p>		