

# Project Design Phase-I

## Project Solution Fit

<b>TEAM ID</b>	PNT2022TMID13278
<b>PROJECT TITLE</b>	University Admit Eligibility Predictor

### PROBLEM – SOLUTION FIT

Define CS, fit into	<b>1. CUSTOMER SEGMENT(S)</b> <span>CS</span> <ul style="list-style-type: none"> <li>Students who have completed their under graduation.</li> <li>Students who have completed their high school.</li> <li>The students who have undertaken exams like GRE and TOEFL exams.</li> </ul>	<b>6. CUSTOMER CONSTRAINTS</b> <span>CC</span> <ul style="list-style-type: none"> <li>Searching the right and best-suitable college from the wide range of options of colleges that are available for admissions.</li> <li>Reduce cost incurred to travel or communicate with respective universities</li> <li>Getting admission at the preferred location.</li> </ul>	<b>5. AVAILABLE SOLUTIONS</b> <span>AS</span> <ul style="list-style-type: none"> <li>They lack essential criteria that needs to be considered while predicting the feasibility of getting admission in the desired university.</li> <li>Lacks dynamic nature and scalability.</li> <li>Incomplete information.</li> <li>Absence of powerful ideas like polynomial and logistic regression and other algorithms.</li> </ul>	Explore AS.
	<b>2. JOBS-TO-BE-DONE / PROBLEMS</b> <span>J&amp;P</span> <ul style="list-style-type: none"> <li>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.</li> <li>The students are to be provided with a list of universities which match their eligibility.</li> <li>The system must do the aforementioned tasks effectively as well as efficiently.</li> </ul>	<b>9. PROBLEM ROOT CAUSE</b> <span>RC</span> <ul style="list-style-type: none"> <li>There may not be a place where the students can find all the admission related information of the universities.</li> <li>The students may not be aware of the eligibility criteria of various universities in and around the world.</li> <li>The agents may use untrustworthy information.</li> </ul>	<b>7.BEHAVIOUR</b> <span>BE</span> <ul style="list-style-type: none"> <li>Direct: The students will try to visit all the universities that he/ she wishes to get admission. Get notified about the criteria to get admission and also take necessary measures to meet the criteria.</li> <li>Indirect: Pay for an agency that helps the students to find the required criteria in the desired universities and visit only those selective universities and get the job done.</li> </ul>	
Focus on J&P, tap into BE, understand	<b>3. TRIGGERS</b> <span>TR</span> <ul style="list-style-type: none"> <li>Students often get tensed and anxious about their admission chances of their desired universities.</li> <li>The students' peers may get lot of colleges to choose from, with lesser time and effort and lesser expenses.</li> </ul>	<b>10. YOUR SOLUTION</b> <span>SL</span> <ul style="list-style-type: none"> <li>The focus is to reduce the time, effort and money spent on finding the universities where admission is feasible for pursuing higher education.</li> <li>The system uses a pre-trained machine model (ML, IBM Cloud and Watson Studio) to predict the feasibility of admission in desired university based on the provided student data.</li> <li>The output of the system is the list of possible universities for the student to apply for admission</li> </ul>	<b>8.CHANNELS of BEHAVIOUR</b> <span>CH</span> <p><b>ONLINE</b></p> <ul style="list-style-type: none"> <li>The students may browse the Internet to research about their desired universities and get to know required information.</li> <li>This is a time-consuming task and may miss out some universities of interest</li> </ul> <p><b>OFFLINE</b></p> <ul style="list-style-type: none"> <li>Visit the desired universities in person and gather admission details.</li> </ul>	Focus on J&P, tap into BE, understand
	<b>4. EMOTIONS: BEFORE / AFTER</b> <span>EM</span> <ul style="list-style-type: none"> <li>Before: Unaware of the process, suffering to select the best-suited university.</li> <li>After: Secure, user-friendly and aware of process. Reduced cost and does not miss out feasible universities</li> </ul>			
Identify strong TR & EM				Extract online & offline CH of BE