

## Project Design Phase-I

### Problem Solution Fit

Date	01 October 2022
Team ID	PNT2022TMID30140
Project Name	University Admit Eligibility Predictor
Maximum Marks	2 Marks

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) <span style="float: right;">CS</span>	6. CUSTOMER CONSTRAINTS <span style="float: right;">CC</span>	5. AVAILABLE SOLUTIONS <span style="float: right;">AS</span>	Explore AS, differentiate
	<ul style="list-style-type: none"> <li>- High Schoolers.</li> <li>- Under Graduates.</li> <li>- Later Entries.</li> <li>- Post Graduates.</li> </ul>	<ul style="list-style-type: none"> <li>- Laptop or Mobile Devices with Network Connection.</li> <li>- Students with Pass Percentage.</li> <li>- Students who prefer Indian Universities.</li> </ul>	<ul style="list-style-type: none"> <li>- Many websites are available for checking students' eligibility for Foreign Universities.</li> <li>- The websites available only predict the Universities based on their percentage but fails to ask for users' preference.</li> </ul>	
Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS <span style="float: right;">J&amp;P</span>	9. PROBLEM ROOT CAUSE <span style="float: right;">RC</span>	7. BEHAVIOUR <span style="float: right;">BE</span>	Focus on J&P, tap into BE, understand RC
	<ul style="list-style-type: none"> <li>- Many Consulting centres are Money and Time Consuming.</li> <li>- Some students may not meet the Eligibility Criteria for their preferred Universities.</li> <li>- The students may feel anxious and stressful in the process.</li> <li>- Whether the fee of the University is affordable or not.</li> </ul>	<ul style="list-style-type: none"> <li>- The students have to approach a consulting centre or visit the university directly to know the details about the Universities.</li> <li>- The eligibility criteria differ for each Universities in India based on their percentage and entrance exam performance.</li> <li>- Though the student is eligible for a particular University they may not be eligible for the University or the Location they prefer.</li> </ul>	<ul style="list-style-type: none"> <li>- The High Schoolers or the Graduates work hard to attain their maximum scores in their final exams.</li> <li>- The students visit various Universities and consulting centres to know about the Universities and its eligibility criteria.</li> <li>- The students compete in competitive and entrance exams to increase their chance for getting admitted into a university.</li> </ul>	
Identify strong TR & EM	3. TRIGGERS <span style="float: right;">TR</span>	10. YOUR SOLUTION <span style="float: right;">SL</span>	8. CHANNELS of BEHAVIOUR <span style="float: right;">CH</span>	Identify strong TR & EM
	<div style="border: 1px solid black; padding: 5px;">Students want to make their search for universities effective and easier.</div>		<div style="border: 1px solid black; padding: 5px;">Based on the users need and preference the list of universities is predicted by the model.</div>	
	4. EMOTIONS: BEFORE / AFTER <span style="float: right;">EM</span>		<div style="border: 1px solid black; padding: 5px;">OFFLINE</div> <div style="border: 1px solid black; padding: 5px;">The user has to visit university personally.</div>	
	<div style="border: 1px solid black; padding: 5px;">Many websites may not ask for the location preference which the user expects to know about.</div>	<ul style="list-style-type: none"> <li>- Based on the user's profile and location preference the eligible universities are predicted using decision tree, KNN and random forest algorithm.</li> <li>- The list of universities is ordered based on its ratings and the link to university websites and locations will also be provided.</li> </ul>		