

Project Title: AIRLINE DATA ANALYTICS FOR AVIATION INDUSTRY

Project Design Phase-I -

Team ID: PNT2022TMID01325

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS Who is your customer? i.e. working parents of 0-5 y.o. kids BOTH PASSENGER & AIRLINE DATA ANALYST ARE INVOLVED HERE TO PREDICT THE FLIGHT DELAY	6. CUSTOMER CONSTRAINTS CC What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices. HERE THERE IS CASH-APPROPRIATE FLIGHT SIGNALS & DATA COMPLEX & CONFUSION EXISTS.	5. AVAILABLE SOLUTIONS AS Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking LEVEL OF STRONGNESS OF THE WEATHER MAN POWER IS REDUCED CONS: DATASET IF UPLOADED/TRAINED INCORRECTLY THEN IT WILL BE A DRAWBACK	Explore AS, differentiate

Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS J&P Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides. PREDICT THE FLIGHT DELAY BECAUSE OF CLIMATE CHANGE AND ENVIRONMENTAL ISSUES	9. PROBLEM ROOT CAUSE RC What is the real reason that this problem exists? What is the back story behind the need to do this job? i.e. customers have to do it because of the change in regulations. BECAUSE OF CUSTOMER'S COMFORTABILITY AND THE EMERGENCY ISSUES MIS-CONSUMPTION OF DATAS BY THE ANALYST	7. BEHAVIOUR BE What does your customer do to address the problem and get the job done? i.e. directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace) PASSENGERS CAN VERIFY THEIR FLIGHT TIMINGS IN THE COUNTER TO WHICH IS PRESENT IN THE AIRPORT IF IT IS NECESSARY.	Focus on J&P, tap into BE, understand RC

Identify strong TR & EM	3. TRIGGERS TR What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news. PASSENGERS CAN GET MORE OPTIMIZED RESULT.	10. YOUR SOLUTION SL If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality. If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour. ALREADY THERE IS A SOLUTION EXISTS IN DIFFERENT DOMAIN BUT IN OUR PROJECT WE TRY TO BRING MORE ACCURACY THAT EVER EXISTS	8. CHANNELS of BEHAVIOUR CH 8.1 ONLINE What kind of actions do customers take online? Extract online channels from #7 8.2 OFFLINE What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development. CHECK WHETHER OTHER SITES COULD PROVIDE MORE OPTIMIZED RESULTS THAN THE CURRENT ONE. CAN CHECK THE FLIGHT TIMINGS, SERVICES ETC
	4. EMOTIONS: BEFORE / AFTER EM How do customers feel when they face a problem or a job and afterwards? i.e. lost, insecure > confident, in control - use it in your communication strategy & design. BEFORE: TIME DELAY, SERVICES, LACK OF VISIBILITY AFTER: PREDICT ACCURATE FLIGHT TIMINGS, PROVIDING BETTER SERVICES AND RELIABILITY		

