

<p>1. CUSTOMER SEGMENT(S)</p> <p>Who is your customer? i.e. working parents of 0-5 y.o. kids</p> <ul style="list-style-type: none"> • Patients • Hospital management 	<p>6. CUSTOMER CONSTRAINTS</p> <p>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.</p> <p>Customers require more accurate and early predictions of Length of Stay</p>	<p>5. AVAILABLE SOLUTIONS</p> <p>Which solutions are available to the customers when they face the problem? What have they tried in the past? What pros & cons do they have?</p> <p>There are few Length of Stay prediction models available which lack in predicting some exceptional cases where the length of stay may extend.</p>
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<p>2. JOBS-TO-BE-DONE / PROBLEMS J&P Which jobs-to-be-done (or problems) do you address for your customers? Length of stay prediction may varybased on the patient's stage of disease. Patient may get dissatisfied if there is no bed availability.</p>	<p>9. PROBLEM ROOT CAUSE RC What is the real reason that this problem exists? What is the back story behind the need Unpredictable length of stay and improper medical records are the root cause for the problem.</p>	<p>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 Developing a model which can predicts the length of stay of unexceptional cases with accuracy.</p>
<p>3. TRIGGERS TK What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news. To accurately predict the length/time of stay of patient</p>	<p>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. Our solution includes using algorithms like Fuzzy Logic, Tree Bagger, Random Forest, and Decision Trees to predict the length of stay more accurately. Gives frequent update about the bed availability.</p>	<p>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 8.1 Users will check for bed availability 8.2 history of bookings of bed and others</p>

4. EMOTIONS: BEFORE / AFTER



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 : Patients often get frustrated and depressed.
After: They feel better self and get a new beginning