

Problem-Solution fit canvas 2.0

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Define CS, fit into CC	<div>1.CUSTOMER SEGMENT(S)<div>Who is your customer?</div><div>Predicting that whether the customer who is a patient has to know they are at risk for heart disease.</div></div>	<div>6.CUSTOMER CONSTRAINTS<div>What constraints prevent your customers from taking action or limit their choices Of solutions?</div><div>The patient need to physically visit hospital, undergo various tests, obtain test results and consult doctor.</div></div>	<div>5.AVAILABLE SOLUTIONS<div>Which solutions area valuable 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?</div><div>It can be predicted using data exploratory data analysis, data mining techniques etc.</div></div>	Explore AS, differentiate
Focus on J&P, tap into	<div>2.JOBS-TO-BE-DONE/PROBLEMS<div>Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.</div><div><ul style="list-style-type: none">Difficulty in finding the datasetDifficulty in maintaining the security of data</div></div>	<div>9.PROBLEM ROOT CAUSE<div>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.</div><div><ul style="list-style-type: none">Physical tirednessTime consuming processHigh cholesterolDiabetesSmoking</div></div>	<div>7.BEHAVIOUR<div>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)</div><div>Stress, unhealthy eating, and physical inactivity were the behaviors of the patients, which predict the risk factors for heart disease.</div></div>	Focus on J&P, tap into C
Identify strong TR&EM	<div>3.TRIGGERS<div>What triggers customers to act? i.e., seeing their neighbors installing solar panels, reading about a more efficient solution in the news.</div><div><ul style="list-style-type: none">Patients to spend more time in hospitals. Patients feel physically and mentally tired.</div></div>	<div>10.YOUR SOLUTION<div>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.</div><div>Our idea is to propose an interactive dashboard for visualizing and forecasting cardiac issues, where the user may view the evaluation of individuals' medical reports and the projected outcome. It will be visualized using IBM Cognos and</div></div>	<div>8. CHANNELS OF BEHAVIOUR<div>8.1 ONLINE What kind of actions do customers take online? Extract online channels from #7 The user will provide their data using an interactive dashboard to get precise predictions.</div><div>8.2 OFFLINE What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.</div></div>	Extract online & offline CH of BE

shown in a dashboard. We will first review

4. EMOTIONS: BEFORE/AFTER

EM

How do customers feel when they face a problem or a job and afterwards?

Before

There is no reliable technique to detect cardiovascular disease in its early stages.

After

An interactive dashboard that displays the severity and stages of heart disease along with appropriate advice and suggestions

The user can decide whether or not consult a doctor based on the prediction they receive and prepare the data set. To

forecast cardiac disease, a number of machine learning methods can be utilized.



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