

Define CS, fit into CC	<div>1. CUSTOMER SEGMENT(S)<div>CS</div></div> <div>Individual users include doctors, medical experts, patients, and those who wish to know if they are at risk for heart disease.</div>	<div>6. CUSTOMER CONSTRAINTS<div>CC</div></div> <div>Internet issues, Database errors, Understanding the interactive dashboard</div>	<div>5. AVAILABLE SOLUTIONS<div>AS</div></div> <div>Heart disease prediction using exploratory data analysis,data mining techniques etc.</div>	Explore AS, differentiate
	<div>2. JOBS-TO-BE-DONE / PROBLEMS<div>J&P</div></div> <div>Data quality should be precise and trustworthy. Naturally, the result will purely depend on the information we use to make the prediction. The prediction that is based on the data will also be biased if the data is skewed.</div>	<div>9. PROBLEM ROOT CAUSE<div>RC</div></div> <div>High blood pressure, high LDL cholesterol, diabetes, smoking, secondhand smoke exposure, obesity, a poor diet, and inactivity are the main causes of heart diseases</div>	<div>7. BEHAVIOUR<div>BE</div></div> <div>To give a complete and organised data collection, including age, gender, chest discomfort, blood pressure, cholesterol level, and other factors, in order to make an accurate predictions</div>	
Identify strong TR & EM	<div>3. TRIGGERS<div>TR</div></div> <div>As a preventative strategy, dread of heart illnesses, abrupt chest pain, and easily understood prediction with an interactive dashboard</div>	<div>10. YOUR SOLUTION<div>SL</div></div> <div>The concept behind the encountered solution is to suggest an interactive dashboard for visualizing and forecasting cardiac problems, where the user may observe the analysis of people's medical reports and the anticipated outcome. IBM Cognos will be used to visualize thereby showcasing in a dashboard. The dataset will first be examined and prepped. Several machine learning techniques can be used to predict cardiac disease. To achieve greater accuracy than is feasible, our system combines all of these algorithms with the ideas of neural networks. The average forecast from the aforementioned algorithms will be our final outcome. We anticipate achieving an accuracy of >90% as we mix multiple algorithms.</div>	<div>8. CHANNELS of BEHAVIOUR<div>CH</div></div> <div>8.1 ONLINE The user will provide their data using an interactive dashboard to get precise predictions.</div> <div>8.2 OFFLINE The user can decide whether or not to consult a doctor based on the prediction they receive.</div>	Identify strong TR & EM
	<div>4. EMOTIONS:<div>EM</div></div> <div>BEFORE There is no reliable technique to detect cardiovascular disease in its early stages.</div> <div>AFTER An interactive dashboard that displays the severity and stages of heart disease along with appropriate advice and suggestions</div>			