

Project Design Phase-I - Solution Fit

Project Title: Visualizing and Predicting Heart Disease with An Interactive Dashboard

Team ID: PNT2022TMID51981

<div><div>1. CUSTOMER SEGMENT(S)</div><div>CS</div><div><div>✓</div>People who want to keep update of their heart condition</div><div><div>✓</div>Collaboration with Hospitals (Doctors)</div></div>
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<div data-bbox="118 20 248 44">3. TRIGGERS</div> <div data-bbox="687 15 721 44">TR</div> <div data-bbox="226 57 629 331"><ul style="list-style-type: none">• By giving advertisement to people By approaching the students, they share maximum about this to their families/surroundings and also in social media.• Hospital & doctor suggestion</div>	<div data-bbox="822 20 1025 44">10. YOUR SOLUTION</div> <div data-bbox="1388 15 1422 44"></div> <div data-bbox="842 78 1368 719"><p>We're going to predict heart disease by analyzing symptoms which are causing heart disease. The prediction of heart disease is made with 14 independent features like age, chest pain type, blood pressure, blood glucose level, ECG in rest, FBS over 120, EKG results, Max HR, ST depression, Slope of ST, Number of vessels fluro, Thallium, heart rate and four types of chest pain and the habitual of physical exercise. An informative & creative dashboard can be created to present the data and utilize it for future use. Dashboard provide Visual insights which assists in predicting diseases, improving diagnosis, analyzing symptoms, providing appropriate medicines, improving the quality of care, minimizing cost, extending the life span and reduces the death rate of heart patients.</p></div>	<div data-bbox="1503 20 1839 44">8. CHANNELS of BEHAVIOUR</div> <div data-bbox="2042 15 2076 44"></div> <div data-bbox="1469 84 1552 108">Online:</div> <div data-bbox="1469 124 1948 363"><p>Reach the customer online via</p><ul style="list-style-type: none">✓ Social media✓ Advertisement platform like google ad sense✓ Affiliate marketing✓ Content marketing<div data-bbox="1469 419 1552 443">Offline:</div><div data-bbox="1469 459 1803 635"><p>Reach the customer offline via</p><ul style="list-style-type: none">✓ Posters✓ Local sponsorship✓ Approaching people✓ Free trial versions</div></div>
<div data-bbox="118 422 432 446">4. EMOTIONS: BEFORE / AFTER</div> <div data-bbox="687 418 721 446">EM</div> <div data-bbox="203 459 629 730"><ul style="list-style-type: none">• Need to go to doctors for checking -> check their condition simply in home with mobile• Prediction late-> earlier prediction which reduces death rate• High cost -> minimizes the cost</div>		