**Project Title: Visualizing and Predicting Heart Diseases with an Interactive Dashboard** 

**Project Design Phase-I** - **Solution Fit Template**

**Team ID:** PNT2022TMID31851







| **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.   * Patients who have a history with heart disease. * Hospital and doctor suggestions. * Need a specialist and less in cost. * Stress and high pressure. | **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.   * Heart disease can be affected because of various factors like smoking, high pressure etc. * Heart disease has various factors like type of chest pain, type of heart disease. * Heart disease treatment depends on the cause and type of heart damage. * Healthy lifestyle habits such as eating a low-fat,low-salt diet,getting regular exercise and good sleep,and not smoking are an important part of treatment. * Based on this, We can predict and analyze the disease and visualize it by using Dashboard. * We are using a prediction method which uses various attributes for predicting the status of heart disease with the use of our machine learning model to predict the immediate results. | 1. **CHANNELS of BEHAVIOUR CH**     1. **ONLINE**   What kind of actions do customers take online? Extract online channels from #7   * 1. **OFFLINE**   What kind of actions do customers take ofﬂine? Extract ofﬂine channels from #7 and use them for customer development.   * ONLINE: Users look at the data and compare it with their test results. Upload data.Preparation and Exploration of data. Consulting the doctor at the right time if necessary to cure the heart disease. * OFFLINE: Doctors use it as a tool to diagnose patients and make accurate predictions and the reasons for the cause of heart disease. Take the treatment at the right time to cure the heart disease. |  |
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| **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.   * Feeling afraid and depressed. * Develop a feeling of awareness which means people. * There is huge uncertainty in knowing the accurate and correct reason for a disease and predicting it. * After deducting the problems the patient feels free and becomes healthy,taking the test that will feel relieved and they go for regular checkup and treatment. |