Project Design Phase I - Solution Fit Document Team ID: PNT2022TMID53144 **Project Title: Visualising and Predicting Heart Diseases** Problem-Solution Fit canvas with an interactive dashboard 1. CUSTOMER SEGMENT(S) 6. CUSTOMER LIMITATIONS EG. BUDGET, DEVICES 5. AVAILABLE SOLUTIONS PLUSES & MINUSES AS Who is our customer? The cost of treatment, fear about the Although there are many systems that can detect heart diseases and other related People who suffer from heart related complexity of the disease limit issues, a system that can monitor heart issues use our system to diagnose customers from taking up an action. diseases accurately and gives userand get results and proper cure. friendly inferences is a need of the hour. 9. ROOT / CAUSE OF PROBLEM 2. PROBLEMS / PAINS + ITS FREQUENCY 7. BEHAVIOR + ITS INTENSITY Heart Disease is a major cause of mortality in modern society. Medical Cardiovascular diseases are difficult The patient is expected to report the diagnosis is extremely important but it is a to detect due to several risk factors symptoms and issues they are facing. complicated task that should be including blood pressure, cholesterol, The system undergoes a deep analysis performed accurately and efficiently. and an abnormal pulse rate. Other and gives the inference results. Although there are many systems that car causes include unhealthy diet, stress The patient understands the detect heart diseases and other related and depression and family history. implication of the disease and is issues, a system that can monitor heart instructed with some guidelines on diseases accurately and gives userhow to cure the disease. friendly, understandable inferences is a need of the hour. СН 3. TRIGGERS TO ACT 10. YOUR SOLUTION 8. CHANNELS of BEHAVIOR By seeing the advanced technology • Analyzing the history of patients providing a low cost, efficient and They can check and get a complete records to reach accurate prediction report of the disease online, in low accurate results to their health results regarding heart diseases in an issues. cost. efficient manner Making the user understand the OFFLINE 4. EMOTIONS BEFORE / AFTER They can visit a doctor with the While facing a health issue, one implications with the help of an reports collected and get treatment might feel lonely, depressed and interactive, user-friendly dashboard insecure. But the system promises • Complete help and guidance to help right away. to improve their mental wellbeing. cure their disease

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