Project Design Phase-I Problem – Solution Fit Template

| Date | 1 October 2022 | |
|---------------|--|--|
| Team ID | PNT2022TMID00594 | |
| Project Name | Project – Classification of Arrhythmia using | |
| | Deep learning with 2D ECG spectral image | |
| | representation | |
| Maximum Marks | 2 Marks | |

Problem – Solution Fit:

The Problem-Solution Fit simply means that you have found a problem with your customer and that the solution you have realized for it actually solves the customer's problem. It helps entrepreneurs, marketers and corporate innovators identify behavioral patterns and recognize what would work and why

Purpose:

| Sharpen your communication and marketing strategy with the right triggers and messaging. Increase touch-points with your company by finding the right problem-behavior fit and |
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| , |
| building trust by solving frequent annoyances, or urgent or costly problems. |
| Understand the existing situation in order to improve it for your target group. |
| |

| CUSTOMER SEGMENT(S) Patients are our customer | CS | 6. CUSTOMER CONSTRAINTS -(variable) & Equipment Proces - have to Arole basic traces uptoading skills have a cell phone? I bettip have a cell phone? I bettip have a proper irrages and irradical records | S. AVAILABLE SOLUTIONS or need to get the job dose? What have they tried in the past? What prop & come do these oblisions have? i.e. pen and paper is an alternative to digital noticellating weaping a small portable ECQ recording device for 24 hours or longer is usual of detection which is considered to be time consuming by users. Timely treatment in and parties mere large place (Constructional Construction and Construction an |
|--|-----|--|--|
| JOBS-TO-BE-DONE / PROBLEMS People / users / patients want to share their imports with clinical experts and their prescribed doctors for further course of action that is need to be taken People want do quick conformation anywhere anytime with just having only the images they have from tests. -The problem here is classification of anti-prihmia takes more time and requires experts. | J&P | PROBLEM ROOT CAUSE -No proper maintenance of patient records in hospitals and labs and leading to privacy traums of patient documents being made publically available under traums to patient the property of the patient property. -Arrhythmia: means heart is not bearing properly. This can cause anything to form cardiac arrest to dearh. | 7. BEHAVIOUR 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) -Progle us different methods of classification techniques under the guidence of directer and clinical experts for arrhythmia but there no support systems but |
| 3. TRIGGERS - People want to make their life easier, feel safe and connected anylims, anywhere. - Here a proper with application to make things sustamated and waxy to detect their health with accuracy. | īR | 10. YOUR SOLUTION | CHANNELS of BEHAVIOUR ONLINE: - Social media results regarding automated web application create awareness for other users on the efficiency and reliability about the automated classification of cardiac arrhythmias and also Expert advertise ordine test proofs OFFLINE: -Patients need to undergo acan to get images of the heartheat |
| | | | |

| EMOTIONS: BEFORE / AFTER How do customers feel when they face a problem or a job and afterwards? I.e. bolf, insecure > confident, in control—use if in your communication strategy & design. | |
|---|--|
| Before: The patients need to take an appointment with the doctor and wait for long time. After: It is not required for the patients to wait for long time. If they have their ECG report, the work is almost done. | |