Problem-Solution fit canvas 2.0

Purpose / Vision : Early Detection of Chronic Kidney Disease using Machine Learning

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

People with Chronic Kidney Disease(CKD).

6. CUSTOMER CONSTRAINTS — CC

People with Chronic Kidney Disease(CKD) who needs proven, Cost-Effective therapies.

5. AVAILABLE SOLUTIONS — AS

Knowledge discovery is an important application of data mining which involves various stages of processing. The application of datamining algorithms are facilitated by preprocessing the data collected from multiple sources

Explore AS, differentiate

Focus on J&P, tap into

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

Chronic kidney disease is frequently associated with neurological disorders affecting both peripheral and central nervous system resulting in behavioral abnormalities, including mental and cognitive dysfunctions (28–30)

9. PROBLEM ROOT CAUSE — RC

The root causes are Overuse of painkillers, Not drinking enough water, Missing out of Sleep, Sugar, Eating too much meat, Consuming alcohol ,etc.

7. BEHAVIOUR — BE

Depression, anxiety and other mental health issues are common among people living with kidney disease.

Focus on J&P, tap int C

Identify strong TR & EM

3. TRIGGERS — TR

The thing that triggers our customer is that they immediately want a answer by a prediction method which predicts by knowing the current health condition

4. EMOTIONS: BEFORE / AFTER — EM

When people uses our product they get a clarification of the health condition right now so that according to the prediction they can immediately go to a physicist for consultation.

10. YOUR SOLUTION — SL

We are using a prediction method which uses various attributes for predicting the status of the CKD with the use of our Machine Learning algorithm to predict the immediate results.

8. CHANNELS of BEHAVIOUR — CH

8.1 ONLINE

They use our product to predict the status of the CKD.

8.2 OFFLINE

After the results have been predicted they can take a copy of the results and get a consultation from the physicist incase they have a CKD.

Extract online & offline CH of BE

AMALTAMA