Problem-Solution fit canvas 2.0

Purpose / Vision

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) CS

Who is your customer?
i.e. working parents of 0-5 y.o. kids

Customers are the patients who are suffering from liver disease. To detect disease, healthcare professionals need to collect samples from patients which can cost both time and money. Often, more than one kind of test or many samples are needed from the patient to accumulate all the necessary information for a better diagnosis

6. CUSTOMER CONSTRAINTS CC

What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.

Patient does not know the early symptoms of liver disease.

--Proper internet connectivity is required for acquiring results.

-- Patients must read the guidelines for effective usage of analyzing diseases.

--User(patients) must enter appropriate and valid details for accurate results.

5. AVAILABLE SOLUTIONS AS

Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons dothese solutions have? i.e. pen and paper is an alternative to digital notetaking

In the beginning stage , there is a traditional approaches to diagnosing liver disease by using these algorithms like

- Support Vector Machine
- Decision tree
- Naive Bayes Classifier
- Back Propagation Neural Network
- Random tree and so on..

Explore AS, differentiate

Focus on J&P, tap into BE, understand

2. JOBS-TO-BE-DONE / PROBLEMS J&P

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

The problems which we have encountered are

Accuracy -- This model should acquire required accuracy because it involves the riskof life of human beings.

Risk Involved -- The model should be able to predict the level of risk that the patient currently have due to the diagnosed disease.

Identity -- There are different kinds of liver disease and so our model should be able to predict all kinds of liver disease.

Application interface should be friendly, website crashes should be avoided.

9. PROBLEM ROOT CAUSE RC

What is the real reason that this problem exists? What is the back story behind the need to do this job?
i.e. customers have to do it because of the change in regulations.

The root cause of the problems is

-- Initializing suitable dataset is very difficult.

-- For the training and testing ,we are using some parameters. Any kind of liver disease can be predict by this dataset and risks involved if the person is diagnosed with the particular disease like liver disease.

-- For the improving accuracy of this model may require many real-time data . At the start of the app released there may be uncertainty for predicted results.

7. BEHAVIOUR BE

What does your customer do to address the problem and get the job done?
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)

-- People may stop using the application if the predicted results are not appropriate.

-- People may also try to use applications which hasbetter response speed.

-- They avoid to use the predictors if it is no user-friendly.

-- Regular health body check-up

Focus on J&P, tap into BE, understand RC

Identify strong TR & EM

3.TRIGGERS TR

--People wants to make their life easier for analyzing liver diseases with use of this model, use it anytime and anywhere.

--Now a days web applications are the one which is easily accessible as they don't like to download lots ofapp in their mobile.

4.EMOTIONS: BEFORE / AFTER EM

--Now a days people think difficult to trust the predicted results. So,our main goal is to work out this model with accuracy and change it.

10. YOUR SOLUTION SL

Our solution to solve this problem is to develop

--This application which is accessible from anywhere at anytime using their mobile or laptop or tablet.

--Try to develop the application with more necessary accuracy.

--Try to develop the application with as many possible to givemore benefits to their patients.

8. CHANNELS of BEHAVIOUR

--People can access the application in any browser from any browser from anywhere at any time.

--Advertise about the application with influencers to Promote the application.

--Word of mouth amoung consumers(especially doctors)

--Booking appointments in hospitals in online