Project Design Phase-I - Solution Fit Template

Project Title: Statistical Machine Learning Approaches To Liver Disease Prediction **Team ID:** PNT2022TMID15966

1. CUSTOMER SEGMENT(S)

Who is your customer?   **CS**

People who suffer from Liver disease is our customer. They contact us to treat the disease with technology based.

6. CUSTOMER

What constraints prevent your customers from taking action or limit their choices of solutions?

Focus on consumer decision-making process, highlighting the key moments from identifying a need to buying and consuming a product, and adopt a true "consumer focus" in year managerial decisions by analyzing how consumers what happens in their hearts and minds.make,decisions,what happens in their hearts and minds.

5. AVAILABLE SOLUTIONS

Which solutions are available to the customers whenthey face the problem

The proposed solutions are controlling excessive iron or copper levels or using immune suppressing medicines and treated with lifestyle modifications, such as stopping alcohol use or losing weight. Other treatments may be specified to your cause of cirrhosis.

2. JOBS-TO-BE-DONE / PROBLEMS

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

It describes the mechanisms that cause a customer to adapt an innovation. The theory states that markets grow evolve, and renew whatever customers have a job to be done, then buy a product to complete it in our project, a person needs to recover from liver disease, no matter what we're going to use they need an end solution which can change health condition when compare to before

9. PROBLEM ROOT CAUSE   **RC**

What is the real reason that this problemexists? What is the back story behind theneed to do this job?

Liver disease can be **inherited (genetic)** Liver problems can also be caused by a variety of factors that damage the liver, such as viruses, alcohol use and obesity.

7. BEHAVIOUR   **BE**

What does your customer do to address the problem andget the job done?

First of all they (customer or patients) should report what problem they are undergoing according to their health condition. After that they are instructed to follow the steps that the solution provider given (that is jobs to be done for curing their illness).

3. TRIGGERS **TR**

What triggers customers to act? i.e., seeing their neighbor installing solar panels, reading about a more efficient solution in the news.

By seeing the advanced technology providing a solution for their problem with low cost, and getting benefit from where they are so this makes customers.

4. EMOTIONS: BEFORE / AFTER **EM**

How do customers feel when they face a problem or a job and afterwards?

When facing the problem of health illness, they face lonely and depressed of them and their family, feel insecure. After knowing the illness can be treated and be cured. But this after knowing that family will support them mentally and that will be strength to them.

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.

Our solution is about to find out the persons where all on the edge to get caught by liver-disease. For this we taking a survey on people health conditions by age gender, and what type of looks they are int by this we predict the people those are all normal vs affected through, Machine leaning data prediction.

8. CHANNELS of BEHAVIOUR **CH**

ONLINE

They can check the symptoms of liver disease or any issues by referring in the online websites.

OFFLINE

What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

They can consult a doctor and treatment can be done and cured.