Problem Solution Fit

Project Title: Statistical Machine Learning Approaches to Liver Disease Prediction

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<table>
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Define CS, fit into CC

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CS

1. CUSTOMER SEGMENT(S)

Hospitals and Patients, who needs to find He/She is affected by Liver Disease

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CC

6. CUSTOMER CONSTRAINTS

- **Avoid using Drugs**
- **Maintain a balanced food Diet**
- **No Alcohol consumption**

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AS

5. AVAILABLE SOLUTIONS

- **Available of Hybrid ML Classification method**
- **Biopsy**
- **Liver Transplant**

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Explore AS, differentiate

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

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J & P

2. JOBS-TO-BE-DONE / PROBLEMS

- **Liver can no longer process nutrients, enzymes and heavy damage causes cirrhosis**
- **Abdominal pain and Swelling**

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RC

9. PROBLEM ROOT CAUSE

- **Due to Obesity**
- **Genetics cause**
- **Heavy usage of Alcohol**
- **Indigestion of Intaking drug**

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BE

8. CHANNELS OF BEHAVIOUR

- **Users able to get results as per their data in online**
- **Able to consult doctor based on the results**

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

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Identify strong TR & EM

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TR

3. TRIGGERS

Living with pain makes more uncomfortable so they are unable to lead a happy life

EM

4. EMOTIONS : BEFORE / AFTER

People who are unable to take numerous test and spend huge money, now able to find the results in a less cost manner and in short period of time gives them a hope of recovery

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SL

10. YOUR SOLUTION

Generate an application for getting the user input and based on the results obtained giving a prevention solution, Treatment Recommendation solution, which would is better to them as well as others

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CH

8. CHANNELS OF BEHAVIOUR

- **Users able to get results as per their data in online**
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Extract online & offline CH of BE

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