

Problem-Solution fit canvas 2.0

To understand the solution proposed in coherence to the problem statement

Define CS, fit into CC	<div>1. CUSTOMER SEGMENT(S)<div>CS</div></div> <div>People (patients/doctors) who wants to know whether he/she has liver disease or not</div>	<div>6. CUSTOMER CONSTAINTS<div>CC</div></div> <div><ul style="list-style-type: none">should not consume alcohol, drugs, tobacco etc.Avoid smokingMaintain a balanced diet and do exercise.Keep track of blood sugar level</div>	<div>5. AVAILABLE SOLUTIONS<div>AS</div></div> <div><ul style="list-style-type: none">Liver BiopsyLiver transplantBlood testing/ Imaging TestingBiomarkers.</div>
	<div>2. JOBS-TO-BE-DONE / PROBLEMS<div>J&P</div></div> <div><ul style="list-style-type: none">Loss of appetiteSkin and eyes that appear yellowish (Jaundice).Abdominal pain and swelling.Swelling in the legs and ankles.Itchy skin.</div>	<div>9. PROBLEM ROOT CAUSE<div>RC</div></div> <div><ul style="list-style-type: none">Family history of Liver diseaseHeavy consumption of alcohols/drugs.Fat accumulation in the liverDue to obesity.Increase in blood sugar level (Type 2 diabetes)</div>	<div>7. BEHAVIOUR<div>BE</div></div> <div><ul style="list-style-type: none">Make an appointment with your doctor if he/she has any persistent signs or symptomsConsult local medical authority for advice.Follow the proper diet</div>
Identify strong TR & EM	<div>3. TRIGGERS<div>TR</div></div> <div>Pain in the joints and upper right part of the belly triggers patients to consult a doctor.</div> <div>4. EMOTIONS: BEFORE / AFTER<div>EM</div></div> <div><ul style="list-style-type: none">Before: Doubt, ambiguous, stressed, disoriented.After accurate prediction: Happiness, determined, explicit calmness.</div>	<div>10. YOUR SOLUTION<div>SL</div></div> <div>An application which uses ensemble machine learning model by combining K-Nearest Neighbours, Decision Tree, Random Forest to quickly identify whether the patient is having liver disease or not more accurately.</div>	<div>8. CHANNELS of BEHAVIOUR<div>CH</div></div> <div>8.1 ONLINE</div> <div>Patients can get their results as per their input data in online.</div> <div>8.2 OFFLINE</div> <div>Patients can consult doctor based on the results.</div>

Focus on J&P, tap into BE, understand

Extract online & offline CH of BE