**Problem-Solution fit** canvas 2.0

**Early Detection of Chronic Kidney Disease Using Machine Learning**

Define CS, fit into CC

**1. CUSTOMER SEGMENT(S)** CS

Patients who are facing issues related to kidneys.
Elderly people, are more prone to get kidney disease.
Diabetic Patients
Alcoholic addicted Patients

**6. CUSTOMER CONSTRAINTS** CC

Patients are afraid about risk of using new technology
They are limiting themselves as they are not aware of the test accuracies

**5. AVAILABLE SOLUTIONS** AS

Currently in the Medical field, the tests that are performed to detect chronic kidney disease are:
1. Ultra Sound Scan
2. MRI Scan
3.CT Scan

Explore AS, differentiate

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

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

Problems related to identifying the chronic kidney disease

Accuracy of patients test results

Time taken to produce test results

**9. PROBLEM ROOT CAUSE** RC

The root cause of the problem is inaccurate results.

The test takes much time to evaluvate the results.

**7. BEHAVIOUR** BE

They take costly Scans because they had no other choice.

They blindly trust the inaccurate test results and become more anxious and sad.

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

Identify strong TR & EM

**3. TRIGGERS** TR

Their dilemma or confusion of whether they really have chronic kidney disease or not!

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

**BEFORE:** Anxious about their medical condition.
**AFTER:** Determined and able to follow doctor's advice on hat to do next to improve their condition

**10. YOUR SOLUTION** SL

Predicts Faster and accurately.

Time and Cost of Test is drastically reduced

Helps to take treatment at right time.

**8. CHANNELS of BEHAVIOUR** CH

**They consider taking tests costing lower from any of the online labs.**

8.2 OFFLINE

They take many tests in offline labs and wait for enormous time to gets results

Extract online & offline CH of BE