## **Problem-Solution fit** canvas 2.0

Patients who are facing issues

Elderly people, are more prone to

## Early Detection of Chronic Kidney Disease Using Machine Learning

1. CUSTOMER SEGMENT(S)

related to kidneys.

get kidney disease.

**Diabetic Patients** 

8

SS

CS

6. CUSTOMER CONSTRAINTS

Patients are afraid about risk of using

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

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

2. JOBS-TO-BE-DONE / PROBLEMS

J&P

Problems related to identifying the chronic kidney disease

Alcoholic addicted Patients

Accuracy of patients test results

Time taken to produce test results

9. PROBLEM ROOT CAUSE

The root cause of the problem is inaccurate results.

The test takes much time to evaluate the results.

7. BEHAVIOUR

They take costly Scans because they had no other choice.

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

3. TRIGGERS

TR

EM

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

4. EMOTIONS: BEFORE / AFTER

**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

Predicts Faster and accurately.

Time and Cost of Test is drastically reduced

Helps to take treatment at right time.

8. CHANNELS of BEHAVIOUR

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

8.2 OFFLINE

SL

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



СН

Extract online & offline CH of BE

AS

Explore AS, differentiate