| Define CS, fit into CC                   | 1. CUSTOMER SEGMENT(S) Diabetic Patients   | cs  | 6. CUSTOMER CONSTRAINTS  CC  Because the system has to be reliable if not it leads to blindness which cannot be reversed. | AVAILABLE SOLUTIONS  At present this detection is done through the manual process which is prone to human error and misdiagnosis. It is also a time consuming process and | Explore AS, different                    |
|--|--|-----|---|---|--|
| Focus on J&P, tap into BE, understand RC | 2. JOBS-TO-BE-DONE / PROBLEMS  To create a reliable automated Diabetic Retinopathy detection system, which overcomes the problems that manual diagnosis faces. | J&P | 9. PROBLEM ROOT CAUSE It is caused due to the lesions on retina which leads to blindness.                                 | 7. BEHAVIOUR  Deep Learning will be helpful to raise the accuracy of product and also its reliability.  | Focus on J&P, tap into BE, understand RC |

# 3. TRIGGERS



As it leads to blindness if it is not detected and hearing from other patients. These things triggers patients.

# 10. YOUR SOLUTION

loss of vision.

Here we are presenting an automated Diabetic Retinopathy detection system using

deep learning and fundus images analysis which can detect the disease early and avoid



8. CHANNELS of BEHAVIOUR 8.1 ONLINE



It can be also used as like Telemetry. Patient can get diagnosis through online.

It can be used in government and private Hospitals to avoid loss of vision cases.

# 4. EMOTIONS: BEFORE / AFTER



It is normal for people to doubt an automated detection system so they did. And doubted its sensitivity in detecting the changes in retina.

They looked happy after coming to know about its promising result.