PROJECT TITLE: A GESTURE BASED TOOL FOR STERILE BROWSING OF RADIOLOGY IMAGES
PROJECT DESIGN PHASE-I - SOLUTION FIT TEMPLATE
TEAM ID: PNT2022TMID33174

Define CS, fit into CC

1. CUSTOMER SEGMENT(S)   CS

Patients (satisying service in radiology)

6. CUSTOMER CONSTRAINTS   CC

There are an increasing number of radiology artificial intelligence software offerings covering multiple clinical targets. Image interpretation can be subdivided into repetitive, quantitative, explorative, and diagnostic tasks.

Important factors to consider when purchasing include input from key decision makers, data ownership and privacy, cost structures, performance indicators, and potential return on investment.

5. AVAILABLE SOLUTIONS   AS

He/she use of complex machines in health care flexible hours.

It can eliminate the need for exploratory surgery.

Explore AS, differentiate

---

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

Many aspects of the patient experience cannot be tied to objective clinical measures and, instead, are linked to factors such as convenient scheduling, appointment reminders, access to images and reports, as well as seamless collaboration among reading and referring physicians.

To address such situations, healthcare organizations are looking for ways to better connect patients, clinicians and the healthcare system. Patients want to communicate with healthcare organizations in the same way they interact with retail establishments and banks—through computers and smart devices.

9. PROBLEM ROOT CAUSE   RC

·A small increase in the possibility that a person exposed to x-rays will develop concentration in life.

·It plays a huge role in disease management by give physicians more options, tools and techniques for detection and treatment

7. BEHAVIOUR   BE

· Direct results of exposure to radiation, through drug and contrast use, to less.

· Obvious topics such as data protection and communication issues.

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

---

3. TRIGGERS   TR

A smart phone app with optical imaging for self- management of hand rhematoid arthritis.

10. YOUR SOLUTION   SL

By using the gesture too we find the fault on radiology and easily rectify the problem.

8. CHANNELS of BEHAVIOUR   CH

Online:

Performed during normal operation, so low cost with continuous monitoring, may be automated to generate remote alert.

4. EMOTIONS: BEFORE / AFTER EM		Offline:
·Patients need to feel confident about looking after their own health.		May confirm and help to locate q specific source of a problem(visual inspect).
· This is needed to improve Patient outcomes and clinical support.		May be time consuming for high pole number.