Project Title: A Gesture-Based Tool for Sterile Browsing of Radiology Images Team ID: PNT2022TMID07118 I - Solution Fit Template

Project Design Phase-

Define CS, fit into

1. CUSTOMER SEGMENT(S)



6. CUSTOMER



5. AVAILABLE SOLUTIONS



BE

Who is your customer?

Medical Professionals handling radiology images.

What constraints prevent your customers from taking action or limit their choices of solutions?

There is a chance the hospital might lack the required technical infrastructure. Also, there is a chance that the surgeons or the medical professionals might show a constraint towards using this tool due to their lack of knowledge using these kinds of technological tools.

Which solutions are available to the customers when they face the problem or need to get the job done?

They need to do everything manually; they have to constantly sanitize their hands while manipulating radiology images on the computer manually. They can recruit an extra member to operate the system. He/she can manipulate the radiology images according to their surgeon needs in the OR.

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



job?

9. PROBLEM ROOT CAUSE



What does your customer do to address the problem and get the job done

7. BEHAVIOUR

They will look for a new technology which can make their work easy and sterile.

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

Medical professionals can create a sterile environment using this model.

What is the real reason that this problem exists? What is the back story behind the need to do this

The problem of non-sterile environment is the root cause for this problem which increases the complexity for the surgeons.

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

Explore AS, differentiate

3. TRIGGERS



What triggers customers to act?

Reading/Learning about a more efficient solution. As every field is growing towards AI, medical professionals motivate one another to use AI to their needs to improve their work life.

4. EMOTIONS: BEFORE / AFTER



How do customers feel when they face a problem or a job and afterwards?

Complex work, Unhygienic environment Sterile environment, easy/simplified process.

10. YOUR SOLUTION

in operation theaters efficiently.

We use AI to make Gesture based tool for medical

professionals by which they can access radiology images



8. CHANNELS of BEHAVIOUR 8.1 ONLINE



What kind of actions do customers take online? Extract online channels from #7

Navigate and browse radiology images.

8.2 OFFLINE

What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

Store data such as radiology images.