Project Design Phase-I – Solution Fit Template

Project Title: Gesture Based Tool for Sterile Browsing of Radiology Images

Team ID: PNT2022TMID35486

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) · CS	6. CUSTOMER · CC	5. AVAILABLE SOLUTIONS · AS	Explore AS, differentiate
	Doctors and Lab technicians are the major customers. Hospitals and Health Sector are the major customer segments.	Is this product efficient and quick? Is this product trustworthy?	There is no clear logical and feasible solution available. Cleaning the environment often is the available solution but it is time-consuming, inefficient and does not solve the problem completely.	
Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS · J&P	9. PROBLEM ROOT CAUSE · RC	7. BEHAVIOUR · BE	Focus on J&P, tap into BE, understand RC
	Unsterile environment and difficulty in reaching the pointer device to browse images are the major problem.	Unclean and Unsterile environment that possesses the risk of transmitting infection to patients when doctor accesses the same pointer device in operation theatre every time. Difficulty the doctor faces to reach the pointer device while focusing on the patient.	Ensures the environment is clean and sterile.	

3. TRIGGERS `TR`

To achieve a sterile environment for the betterment of the patient and to make browsing of radiology images easier.

4. EMOTIONS: BEFORE / AFTER `EM`

BEFORE: Constant doubt if the environment is sterile, Inconvenience, Helplessness

AFTER: Safe and Sterile, Easy to handle and efficient

10. YOUR SOLUTION `SL`

A Gesture Based Tool for Sterile Browsing of Radiology Images that enables the doctor to browse images hands-free. Thus, there is no risk of the environment being unsterile, difficulty to reach the pointer device every single time and losing focus.

8. CHANNELS of BEHAVIOUR `CH`

8.1 ONLINE
Utilizing software available in the online market.

8.2 OFFLINE
Keeping the environment sterile.