

**Project Title: A Gesture Based Tool For Sterile
Browsing Of Radiology Images**

Problem Solution Fit

Team ID: PNT2022TMID38566

1. CUSTOMER SEGMENT(S)

Who is your customer?
i.e. working parents of 0-5 y.o. kids

CS

Doctors in Hospitals and users in medical industry

6. CUSTOMER CONSTRAINTS

What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.

CC

Need Full internet Access and no breakdown power. Health care input constraints can thus be understood as meaning that the marginal benefits of spending on those inputs are higher than those of spending on other healthcare inputs

5. AVAILABLE SOLUTIONS

Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking

AS

Doctors use their hands to access the computers, The Doctor tries to have a different Radiology images to zoom, scroll, rotate etc. so we use Gesture tools to do these actions by hand and face gestures

2. JOBS-TO-BE-DONE / PROBLEMS

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

J&P

Gestures allows individuals to communicate variety of feelings and thoughts, from contempt and hostility to approval and affection, often together with body language in addition towards when they speak.

9. PROBLEM ROOT CAUSE

What is the real reason that this problem exists?
What is the back story behind the need to do this job?
i.e. customers have to do it because of the change in regulations.

RC

While doing surgeries the doctor is not allowed to remove their gloves and touch the equipment there is a chance in spread of infections

7. BEHAVIOUR

What does your customer do to address the problem and get the job done?
i.e. directly related: find the right solar panel installer, calculate usage and benefits;
indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)

BE

Directly Related: Easy to use, can predict the gesture action correctly and accurately.
Indirectly Associated: Require high internal speed or not

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

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

<p>3. TRIGGERS TR</p> <p>What triggers customers to act? i.e. seeing their neighbor installing solar panels, reading about a more efficient solution in the news.</p> <p>If any operation is completed successfully by using this project in any hospital make the other hospital to use.</p>	<p>10. YOUR SOLUTION SL</p> <p>If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.</p> <p>If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behavior..</p> <p>1)Instead of using applications we can create web pages for more interactions.</p>	<p>8.CHANNELS of BEHAVIOR CH</p> <p>8.1 ONLINE What kind of actions do customers take online? Extract online channels from #7</p> <p>To upload the Radiology images in web pages</p>
<p>4. EMOTIONS: BEFORE / AFTER EM</p> <p>How do customers feel when they face a problem or a job and afterwards? i.e. lost, insecure > confident, in control - use it in your communication strategy & design.</p> <p>Spreading of infection Fast responsive,avoid spreading of infection A set of non verbal cues including facial expressions,body movement and posture,gesture,tone of voice,speaking style,touching behaviors.</p>	<p>2)It consumes less data andsecures info of the radiology images.</p> <p>3)Camera should recognise the gestures given by the doctors.</p>	<p>8.2 OFFLINE What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.</p> <p>Stores the result of the radiology images</p>