

A Gesture-Based Tool for Sterile Browsing of Radiology Images			Problem Solution Fit		Team ID: PNT2022TMID53060	
Define CS, fit into CC	<div>CS</div> <div>1. CUSTOMER SEGMENT(S)</div> <div><ul style="list-style-type: none">Used by medical professionals to eliminate sharing indirect physical contact with infected persons through radiology tools.</div>	Focus on J&P, tap into BE	<div>CC</div> <div>6. CUSTOMER CONSTRAINTS</div> <div><ul style="list-style-type: none">Predefined gestures needs to be remembered by the users of the application.Tradeoff between the choice of camera (controls gesture identification accuracy), and the network connectivity and bandwidth requirements.</div>	AS	<div>6. AVAILABLE SOLUTIONS</div> <div><ul style="list-style-type: none">Medical professionals may use the tools directly, causing infection spread.Professionals may use other control devices like keyboards and joysticks to browse images, but these devices also require contact.</div>	Explore AS, differentiate
	<div>2. JOBS-TO-BE-DONE / PROBLEMS</div> <div><ul style="list-style-type: none">Helpful tooltips and prompts to remind users about the various available gestures, based on the current state of browsing.Ensure that ambiguous gestures are discerned properly by targeted training of related samples.</div>		<div>9. PROBLEM ROOT CAUSE</div> <div><ul style="list-style-type: none">Browsing control requires the user to memorize specific gestures.System is subject to processing delays in gesture detection and implementing corresponding action.Unclear and closely related gestures cause ambiguity.</div>		<div>7. BEHAVIOR</div> <div><ul style="list-style-type: none">Users need to be provided training to adapt to the gesture based tool.User manual and live reference should be made available to assist users.Model should function with minimal quality of images.</div>	Focus on J&P, tap into BE
	<div>3. TRIGGERS</div> <div><ul style="list-style-type: none">The buzzing use of AI in the medical industry will inspire professionals to adopt the tool.</div> <div>4. EMOTIONS: BEFORE / AFTER</div> <div><ul style="list-style-type: none">Professionals are assured of safety from physically disseminated diseases when browsing radiology images, ensuring sterility.</div>		<div>10. YOUR SOLUTION</div> <div><ul style="list-style-type: none">Prevent physically communicable diseases when browsing medical images.Convenient and contact-free use of gestures to control viewing devices makes for a quick and efficient operating room environment.Helpful in novel situations such as the COVID-19 pandemic, when social distancing was required and physical contact had to avoided.</div>		<div>8. CHANNELS OF BEHAVIOR</div> <div>ONLINE</div> <div><ul style="list-style-type: none">Stable network connection is required for the active functioning of the gesture-based control system.</div> <div>OFFLINE</div> <div><ul style="list-style-type: none">Power availability for display device and gesture capturing camera.Offline manuals for quick reference to relevant getures.</div>	Identify Strong TR & EM
What triggers your customer to move away from existing solutions? solar panels, reading about a more efficient solution in the news.			What does your solution solve customer problems the best? Adjust your solution to fit Customer behaviour, use Triggers, Channels & Emotions for marketing and communication.			
Define CS, fit into CL			<div>4. EMOTIONS: BEFORE / AFTER</div> <div>BE</div> <div>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.</div>	<div>6. CUSTOMER LIMITATIONS</div> <div>CH</div> <div>What kind of actions do customers take offline? Extract offline channels from box #7 Behaviour and use them for customer development.</div>	Explore AS, differentiate	