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

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

**Explore AS, differentiate**

**Deﬁne CS, ﬁt into CC**

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.

**AS**

**5. AVAILABLE SOLUTIONS**

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

**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.

**CC**

**6. CUSTOMER CONSTRAINTS**

**CS**

**1. CUSTOMER SEGMENT(S)**

**Who is your customer?**

Medical Professionals handling radiology images.

**Explore AS, differentiate**

**Define CS, fit into CC**

**BE**

**7. BEHAVIOUR**

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

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

**RC**

**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?**

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

**J&P**

**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.**

Medical professionals can create a sterile environment using this model.

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

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| **Identify strong TR & EM** | **3. TRIGGERS TR**  **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. | **10. YOUR SOLUTION SL**  We use AI to make Gesture based tool for medical professionals by which they can access radiology images in operation theaters efficiently. | 1. **CHANNELS of BEHAVIOUR CH**     1. **ONLINE**   **What kind of actions do customers take online? Extract online channels from #7**  Navigate and browse radiology images.   * 1. **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. |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  **How do customers feel when they face a problem or a job and afterwards?**  **Identify strong TR & EM**  Complex work, Unhygienic environment Sterile environment, easy/simplified process. |

**Identify strong TR & EM**