### Project Title: A Gesture-based Tool for Sterile Browsing of Radiology Images

Project Design Phase-I - Solution Fit Template Team ID: PNT2022TMID00692

Previously doctors needed to have physical contact to operate the system. Now the gesture based tool will help the image to zoom, scroll rotate using gestures.

The customer segment consists of doctors and Stable connection of internet without interruption

Employees of the medical industry



Technical issues are handled by the technical team. The gesture based tool is easy to handle and accurate.

Having direct physical contact with the medical equipments lead to the spreading of infections.

The algorithm must be in such a way that the user finds the tool easy to handle. The inefficient techniques used in past must be avoided.



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|  | **3. TRIGGERS TR**  What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efﬁcient solution in the news.  The success of this gesture based tool will lead to other hospitals adopting this method | **10. YOUR SOLUTION SL**  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.  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 behaviour. | 1. **CHANNELS of BEHAVIOUR CH**    1. **ONLINE**   What kind of actions do customers take online? Extract online channels from #7  To upload the images to webpages   * 1. **OFFLINE**   What kind of actions do customers take ofﬂine? Extract ofﬂine channels from #7 and use them for customer development.  Stored radiology images can be viewed |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  How do customers feel when they face a problem or a job and afterwards?  Webpages can be used instead of applications for more interaction. The cameras must be able to capture in such a way that the gestures can be identified easily.  i.e. lost, insecure > conﬁdent, in control - use it in your communication strategy & design.  Spreading of infection can be stopped fastly. |