**Project Design Phase-I**

**Proposed Solution**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID00221 |
| Project Name | A GESTURE-BASED TOOL FOR STERILE BROWSING OF RADIOLOGY IMAGES |
| Maximum Marks | 2 Marks |

**Proposed Solution :**

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | To develop a solution for avoiding the spread of infection by touching the keyboard, mouse etc.., while browsing the radiology images. |
|  | Idea / Solution description | Usage of hand gestures to avoid contact with devices and to control the Images. |
|  | Novelty / Uniqueness | It can avoid non-verbal communication so that doctors can fully concentrate on surgery.  Ability to provide sterile browsing tool. |
|  | Social Impact / Customer Satisfaction | It helps the doctors and patients from infection.  It avoid direct contact between the doctors and radiology images to maintain sterility and to improve patient’s health. |
|  | Business Model (Revenue Model) | This software model can be employed in hospitals and health care units easily and it is cost effective. |
|  | Scalability of the Solution | Accuracy in predicting hand gesture because model is trained with lot of image data sets.  Real time responses are possible. |