**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID16374 |
| Project Name | A Gesture-based Tool for Sterile Browsing of Radiology Images |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Hand Gesture tool to do sterile navigation of radiology images |
|  | Idea / Solution description | Use artificial intelligence technology to assist doctors by taking hand gestures as input and perform necessary actions on radiology images |
|  | Novelty / Uniqueness | These Gestures helps to manipulate the radiology images and helps to stay focused for surgeons. |
|  | Social Impact / Customer Satisfaction | The proposed system should provide a good manipulation of radiology images for surgeon during surgery supporting their focus of attention, and providing fast response times. |
|  | Business Model (Revenue Model) | A Hand-based Gesture Recognition System used for detecting any kind of Gestures which when the given input Gesture matches with the trained image. |
|  | Scalability of the Solution | The proposed approach allows the learning of new gestures with no need of recording real subjects. |