**Project Design Phase-I Solution Architecture**

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| Date | 17 Oct 2022 |
| Team ID | PNT2022TMID17537 |
| Project Name | Project - **A Gesture-based Tool for**  **Sterile Browsing of Radiology Images** |

**Solution Architecture:**

The sterile gesture interface consists of a Canon VC-C4 camera, whose pan/tilt/zoom can be initially set using an infrared (IR) remote. This camera is placed just over a large flat screen monitor Additionally, an Intel Pentium IV, (600MHz, OS: Windows XP) with a Matrox Standard II video-capturing device is used.

A two layer architecture is used: In the lower level “Gestix” provides tracking and recognition functions, while at the higher level a graphical user interface called “Gibson” manages imaging visualization.

**Example - Solution Architecture Diagram:**

