

## Project Design Phase - I

### Solution Architecture

Date	28 September 2022
Team ID	PNT2022TMID28899
Project name	A gesture based tool for sterile browsing of radiology images
Maximum marks	4 marks

### 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

