Project Design Phase-I

Team ID	PNT2022TMID17578
Project Name	A Gesture-based Tool for Sterile Browsing of Radiology Images.

Solution Architecture:

➢ User interacts with the UI (User Interface) to upload the image as input.

➢ Depending on the different gesture inputs different operations are applied to the input image.

➢ The image can be resize, blur, flip and rectangle.

➢ Once model analyses the gesture, the prediction with operation applied on image is showcased on the UI.

➢ Better execution in accurate results ,sensitivity ,system architecture design and flexibility of the software.

Solution Architecture Diagram:

1. Resize
2. Blur
3. Flip
4. Rectangle

Prediction

Train Data

Image Data

UI

Evaluation

DL Algorithm

Data Preprocessing

Model

Test Data

User

Inputs