**PROJECT FLOW**

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| **Date** | **19 November 2022** |
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| **Team ID** | **PNT2022TMID33664** |
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| **Project Name** | **A Gesture-based Tool for Sterile Browsing of Radiology** |
|  | **Images** |
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**Project Flow:**

User interacts with the UI (User Interface) to upload the images as input. Depending on the different gesture inputs different operations applied to

the input image.

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

To accomplish this, we have to complete all the activities and tasks given below:

Data Collection.

* 1. Collect the dataset or create the dataset Data Pre processing
  2. Import the ImageDataGenerator library
  3. Configure ImageDataGenerator class
  4. Apply ImageDataGenerator functionality to Trainset and Testset Model Building
  5. Import the model building Libraries
  6. Initializing the model
  7. Adding Input Layer
  8. Adding Hidden Layer
  9. Adding Output Layer
  10. Configure the Learning Process
  11. Training and testing the model
  12. Save the Model Application Building
  13. Create an HTML file

1. Build Python Code

Following software, concepts and packages are used in this project

Anaconda navigator

Python packages:

1. Open anaconda prompt as administrator
2. Type “pip install TensorFlow” (make sure you are working

on python 64bit)

1. Type “pip install opencv-python” o Type “pip install flask”