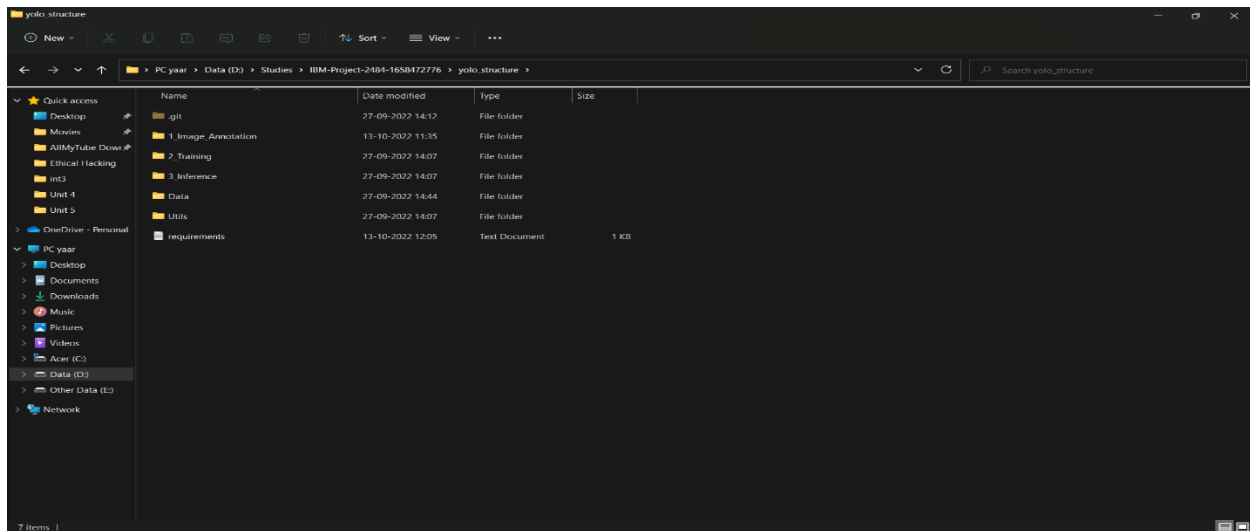


Project Development Phase Sprint 2

MODEL BUILDING

Date	25 November 2022
Team ID	PNT2022TMID17804
Project Name	Project - AI-based localization and classification of skin disease with erythema

YOLO STRUCTURE :



MODEL TRAINING:

```
Anaconda Prompt (Anac - py x) + v
6/6 [=====] - 92s 16s/step - loss: 72.7445 - val_loss: 82.4916
Epoch 40/51
6/6 [=====] - 87s 15s/step - loss: 75.1422 - val_loss: 79.5804
Epoch 41/51
6/6 [=====] - 83s 14s/step - loss: 69.5739 - val_loss: 73.8286
Epoch 42/51
6/6 [=====] - 81s 14s/step - loss: 72.6510 - val_loss: 73.1483
Epoch 43/51
6/6 [=====] - 82s 14s/step - loss: 68.7379 - val_loss: 73.6668
Epoch 44/51
6/6 [=====] - 84s 15s/step - loss: 69.8136 - val_loss: 73.3983
Epoch 45/51
6/6 [=====] - 94s 17s/step - loss: 68.6862 - val_loss: 75.8734
Epoch 46/51
6/6 [=====] - 94s 16s/step - loss: 65.4484 - val_loss: 72.9444
Epoch 47/51
6/6 [=====] - 97s 17s/step - loss: 63.7372 - val_loss: 69.9077
Epoch 48/51
6/6 [=====] - 90s 16s/step - loss: 65.0638 - val_loss: 66.7139
Epoch 49/51
6/6 [=====] - 90s 15s/step - loss: 64.2313 - val_loss: 69.1592
Epoch 50/51
6/6 [=====] - 90s 16s/step - loss: 63.2671 - val_loss: 70.0999
Epoch 51/51
6/6 [=====] - 90s 15s/step - loss: 60.3746 - val_loss: 68.0090
Unfreeze all layers.
Train on 216 samples, val on 23 samples, with batch size 4.
Epoch 52/102
2022-11-24 16:28:03.981154: E tensorflow/core/grappler/optimizers/meta_optimizer.cc:828] layout failed: INVALID_ARGUMENT: Subshape must have computed start
>= end since stride is negative, but is 0 and 2 (computed from start 0 and end 9223372036854775807 over shape with rank 2 and stride-1)
54/54 [=====] - ETA: 0s - loss: 41.94132022-11-24 16:35:00.799910: E tensorflow/core/grappler/optimizers/meta_optimizer.cc:828] lay
out failed: INVALID_ARGUMENT: Subshape must have computed start >= end since stride is negative, but is 0 and 2 (computed from start 0 and end 9223372036854
775807 over shape with rank 2 and stride-1)
54/54 [=====] - 442s 8s/step - loss: 41.9413 - val_loss: 51.9665 - lr: 1.0000e-04
Epoch 53/102
54/54 [=====] - 414s 8s/step - loss: 36.0420 - val_loss: 574.2148 - lr: 1.0000e-04
Epoch 54/102
54/54 [=====] - 415s 8s/step - loss: 33.9702 - val_loss: 38.0269 - lr: 1.0000e-04
Epoch 55/102
54/54 [=====] - 395s 7s/step - loss: 32.2010 - val_loss: 34.7260 - lr: 1.0000e-04
Epoch 56/102
32/54 [=====] - ETA: 2:29 - loss: 31.3782
```