**Amrita Vishwa Vidyapeetham**

**Amrita School of Computing , Coimbatore**

19CSE463-Mobile Application Development

Plant Disease Detection

Review – 02

Submitted To :

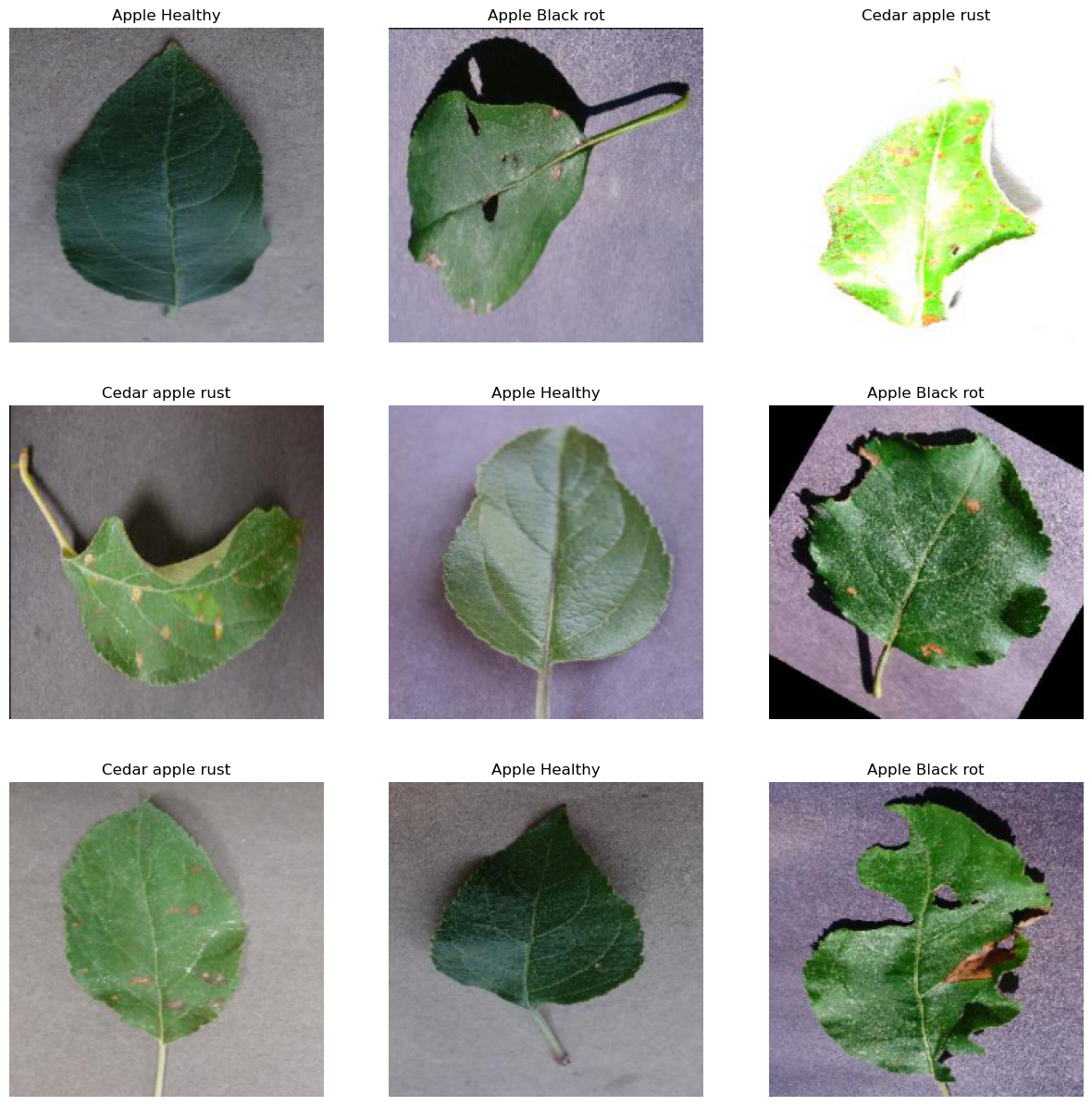
**Dr.J.Guruprakash**

**Team No – 03**

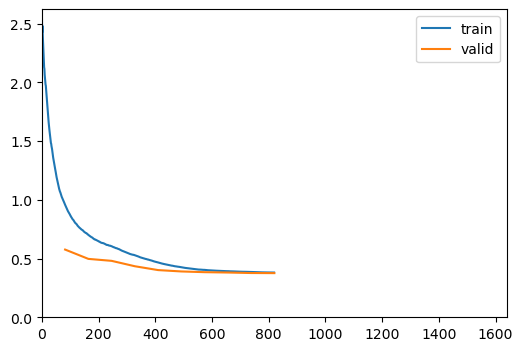
Hanish K R – CB.EN.U4CSE21317

Rishi Pradeepkumar – CB.EN.U4CSE21347

**Model Name :** Resnet50



**Accuracy :**



Better model found at epoch 0 with accuracy value: 0.9623860120773315.

Better model found at epoch 1 with accuracy value: 0.9848024249076843.

Better model found at epoch 2 with accuracy value: 0.990121603012085.

Better model found at epoch 3 with accuracy value: 0.9920212626457214.

Better model found at epoch 5 with accuracy value: 0.9924012422561646.

Better model found at epoch 6 with accuracy value: 0.9931610822677612.

Better model found at epoch 7 with accuracy value: 0.9946808218955994.

Better model found at epoch 8 with accuracy value: 0.9950608015060425.

No improvement since epoch 8: early stopping

**Summary :**

Sequential (Input shape: 128 x 3 x 224 x 224)

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Layer (type) Output Shape Param # Trainable

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128 x 64 x 112 x 11

Conv2d 9408 False

BatchNorm2d 128 True

ReLU

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128 x 64 x 56 x 56

MaxPool2d

Conv2d 4096 False

BatchNorm2d 128 True

Conv2d 36864 False

BatchNorm2d 128 True

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128 x 256 x 56 x 56

Conv2d 16384 False

BatchNorm2d 512 True

ReLU

Conv2d 16384 False

BatchNorm2d 512 True

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128 x 64 x 56 x 56

Conv2d 16384 False

...

Callbacks:

- TrainEvalCallback

- CastToTensor

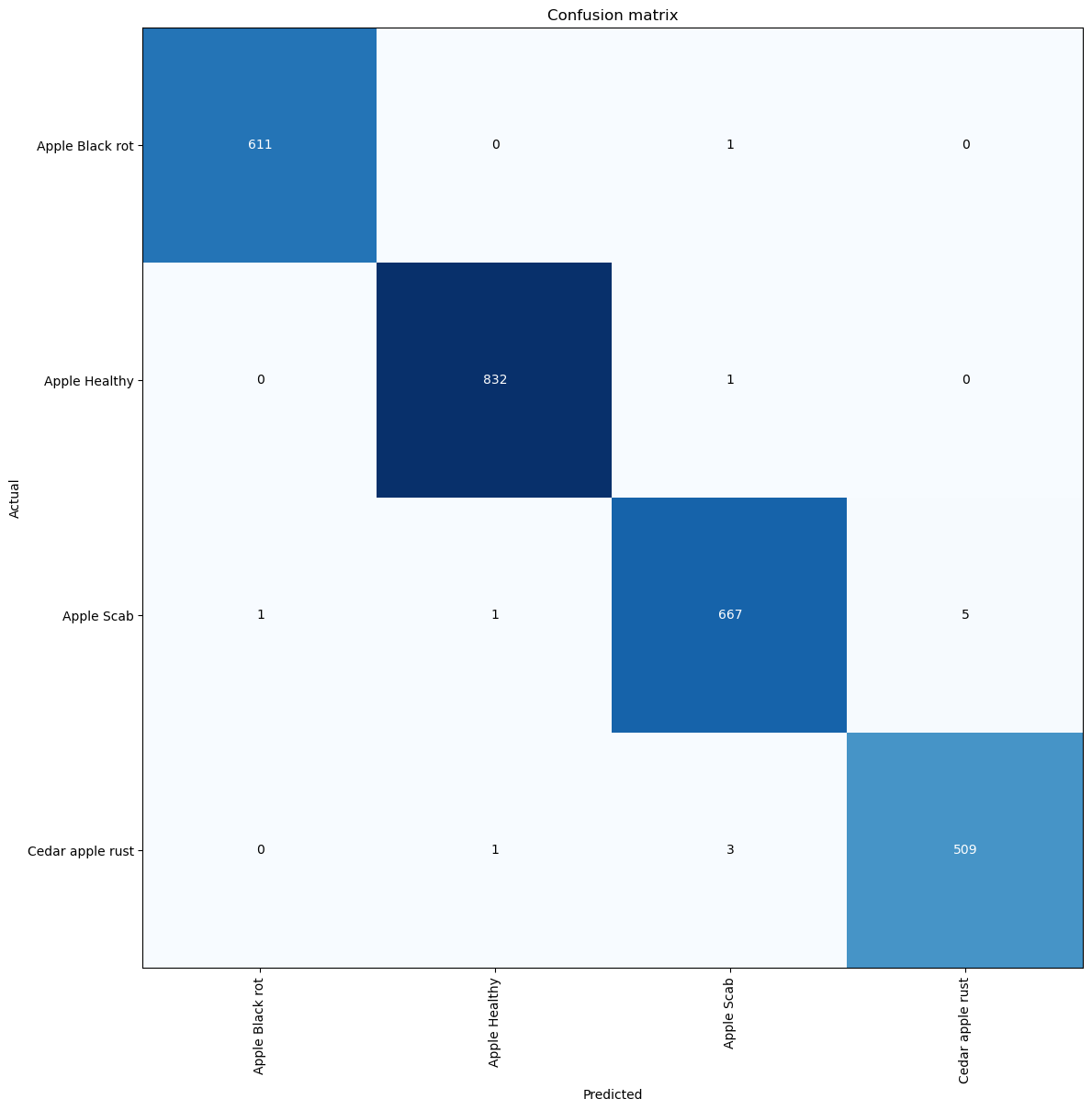
- Recorder

- ProgressCallback

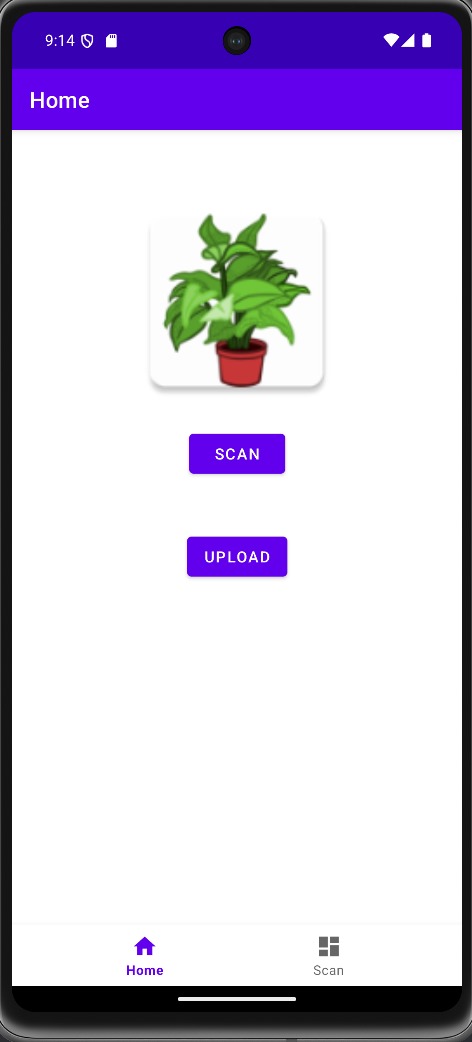
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**Confusion Matrix :**



**UI :**



Click Upload Button to upload Image from Local Storage

