Model Training Report

Configuration and Parameters:
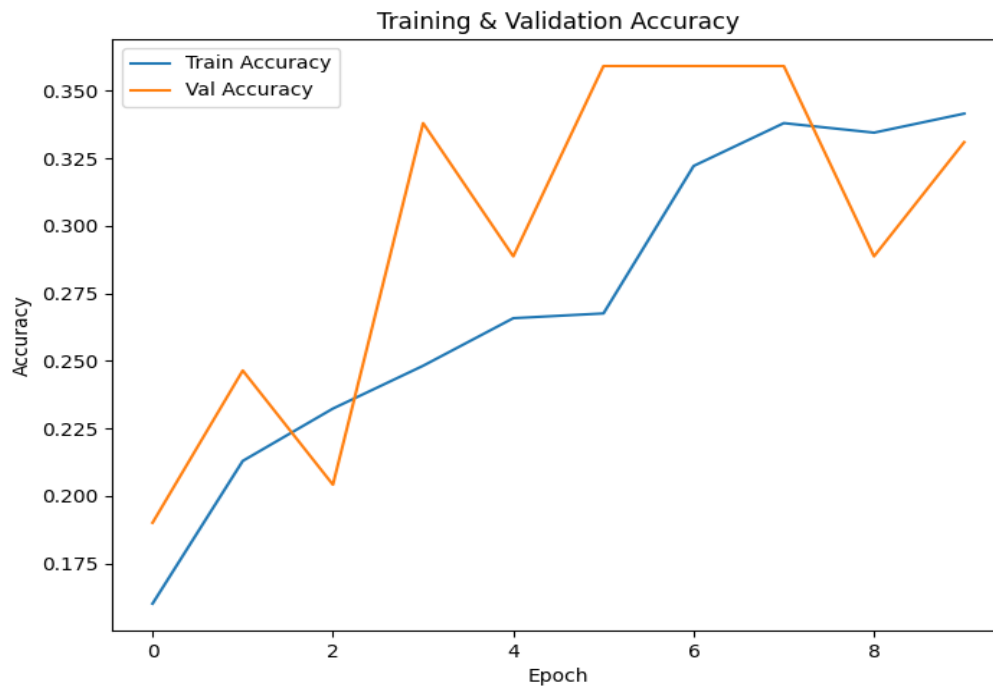
Image Size: (224, 224)
Batch Size: 32
Number of Classes: 8
Epochs: 10
Gaussian Noise STD: 0.03
Salt-Pepper Noise Amount: 0.01
Train Size: 568
Validation Size: 142
Test Size: 79

Model Summary:

```
Model: "sequential_1"
```

Layer (type)	Output Shape	Param #
conv2d (Conv2D)	(None, 222, 222, 32)	896
max_pooling2d (MaxPooling2D)	(None, 111, 111, 32)	0
conv2d_1 (Conv2D)	(None, 109, 109, 64)	18,496
max_pooling2d_1 (MaxPooling2D)	(None, 54, 54, 64)	0
conv2d_2 (Conv2D)	(None, 52, 52, 128)	73,856
max_pooling2d_2 (MaxPooling2D)	(None, 26, 26, 128)	0
flatten (Flatten)	(None, 86528)	0
dense (Dense)	(None, 128)	11,075,712
dropout (Dropout)	(None, 128)	0
dense_1 (Dense)	(None, 8)	1,032

```
 Total params: 33,509,978 (127.83 MB)
 Trainable params: 11,169,992 (42.61 MB)
 Non-trainable params: 0 (0.00 B)
 Optimizer params: 22,339,986 (85.22 MB)
```

Test Accuracy: 0.3165

Training Accuracy over Epochs:

Model Training Report

Configuration and Parameters:

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Test Accuracy: 0.2785

Training Accuracy over Epochs: