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Dataset loaded from: /content/drive/MyDrive/Image_Classification_Project/flowers
Found 4317 files belonging to 5 classes.
Using 3022 files for training.
Found 4317 files belonging to 5 classes.
Using 1295 files for validation.
Classes: ['daisy', 'dandelion', 'rose', 'sunflower', 'tulip']

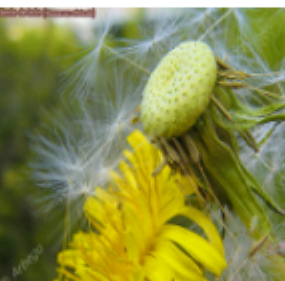
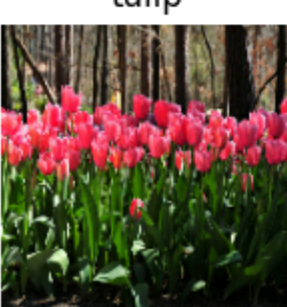
```

Sample Training Images

dandelion

tulip

daisy

		
daisy	dandelion	sunflower
		
tulip	daisy	tulip
		
Augmented Samples		

Downloading data from <https://storage.googleapis.com/tensorflow/keras-applications/9406464/9406464> 2s 0us/step
 Model: "functional_1"

Layer (type)	Output Shape	Param
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<code>true_divide (TrueDivide)</code>	<code>(None, 160, 160, 3)</code>	0
<code>subtract (Subtract)</code>	<code>(None, 160, 160, 3)</code>	0
<code>mobilenetv2_1.00_160 (Functional)</code>	<code>(None, 5, 5, 1280)</code>	2,257,984
<code>global_average_pooling2d (GlobalAveragePooling2d)</code>	<code>(None, 1280)</code>	0
<code>dropout (Dropout)</code>	<code>(None, 1280)</code>	0
<code>dense (Dense)</code>	<code>(None, 5)</code>	6,405

Total params: 2,264,389 (8.64 MB)

Two line graphs showing training and validation accuracy and loss over 7 epochs. The left graph shows Val Acc (blue line) increasing from ~0.25 to ~0.75. The right graph shows Val Loss (orange line) decreasing from ~1.45 to ~0.55.

Configuration	Test Accuracy	Loss
100s 5s/step - accuracy: 0.7987 - loss: 0.5839	0.7987	0.5839
1s 1s/step	0.7987	0.5839
10ms/step	0.7987	0.5839
105ms/step	0.7987	0.5839
88ms/step	0.7987	0.5839

sunflower	0.78	0.83	0.80	12
tulip	0.81	0.84	0.82	15
accuracy			0.81	65
macro avg	0.81	0.81	0.81	65
weighted avg	0.81	0.81	0.81	65

		Predicted				
		daisy	dandelion	rose	sunflower	
True	daisy	89	6	5	5	120
	dandelion	6	129	2	14	100
	rose	4	2	78	4	60
	sunflower	4	10	3	105	40
	tulip	2	0	17	7	20

WARNING:absl:You are saving your model as an HDF5 file via 'model.save()' or 'keras.saving.save_model(model)'. This file format is considered legacy. We recommend using instead the native Keras format, e.g. 'model.save('my_model.keras')' or 'keras.saving.save_model(model, 'my_model.keras')'.

 Model saved to: /content/drive/MyDrive/Image_Classification_Project/models_fast