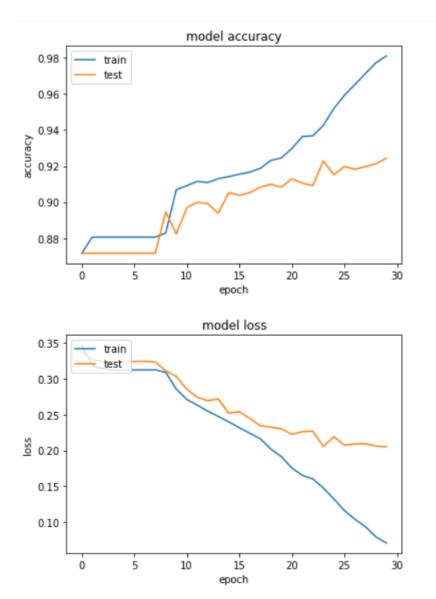
Model Used:

Layer (type)	Output	Shape	Param #
conv2d_35 (Conv2D)	(None,	62, 62, 64)	640
conv2d_36 (Conv2D)	(None,	62, 62, 10)	5770
max_pooling2d_14 (MaxPooling	(None,	31, 31, 10)	0
conv2d_37 (Conv2D)	(None,	31, 31, 3)	273
conv2d_38 (Conv2D)	(None,	31, 31, 5)	380
max_pooling2d_15 (MaxPooling	(None,	15, 15, 5)	0
conv2d_39 (Conv2D)	(None,	7, 7, 10)	210
dense_16 (Dense)	(None,	7, 7, 70)	770
flatten_7 (Flatten)	(None,	3430)	0
dropout_7 (Dropout)	(None,	3430)	0
dense_17 (Dense)	(None,	100)	343100
dense_18 (Dense)	(None,	7)	707

Total params: 351,850 Trainable params: 351,850 Non-trainable params: 0

Error Plots:



233/233 [===========] - 2s 10ms/ster Accuracy on the Test Images: 0.9227468128368067

Part2 Transfer Learning:

Train Data

