input: (None, 224, 224, 3) input_1: InputLayer (None, 224, 224, 3) output: input: (None, 224, 224, 3) conv1 pad: ZeroPadding2D (None, 225, 225, 3) output: (None, 225, 225, 3) input: conv1: Conv2D (None, 112, 112, 32) output: (None, 112, 112, 32) input: conv1 bn: BatchNormalization (None, 112, 112, 32) output: (None, 112, 112, 32) input: conv1_relu: ReLU (None, 112, 112, 32) output: (None, 112, 112, 32) input: conv dw 1: DepthwiseConv2D (None, 112, 112, 32) output: (None, 112, 112, 32) input: conv dw 1 bn: BatchNormalization (None, 112, 112, 32) output: (None, 112, 112, 32) input: conv_dw_1_relu: ReLU output: (None, 112, 112, 32) (None, 112, 112, 32) input: conv_pw_1: Conv2D (None, 112, 112, 64) output: (None, 112, 112, 64) input: conv pw 1 bn: BatchNormalization output: (None, 112, 112, 64) (None, 112, 112, 64) input: conv_pw_1_relu: ReLU output: (None, 112, 112, 64) (None, 112, 112, 64) input: conv_pad_2: ZeroPadding2D output: (None, 113, 113, 64) input: (None, 113, 113, 64) conv_dw_2: DepthwiseConv2D (None, 56, 56, 64) output: (None, 56, 56, 64) input: conv_dw_2_bn: BatchNormalization output: (None, 56, 56, 64) (None, 56, 56, 64) input: conv_dw_2_relu: ReLU output: (None, 56, 56, 64) input: (None, 56, 56, 64) conv_pw_2: Conv2D (None, 56, 56, 128) output: (None, 56, 56, 128) input: conv_pw_2_bn: BatchNormalization output: (None, 56, 56, 128) (None, 56, 56, 128) input: conv_pw_2_relu: ReLU output: (None, 56, 56, 128) (None, 56, 56, 128) input: conv_dw_3: DepthwiseConv2D (None, 56, 56, 128) output: (None, 56, 56, 128) input: conv dw 3 bn: BatchNormalization output: (None, 56, 56, 128) (None, 56, 56, 128) input: conv_dw_3_relu: ReLU output: (None, 56, 56, 128) (None, 56, 56, 128) input: conv_pw_3: Conv2D output: (None, 56, 56, 128) (None, 56, 56, 128) input: conv_pw_3_bn: BatchNormalization output: (None, 56, 56, 128) (None, 56, 56, 128) input: conv_pw_3_relu: ReLU output: (None, 56, 56, 128) input: (None, 56, 56, 128) conv_pad_4: ZeroPadding2D output: (None, 57, 57, 128) (None, 57, 57, 128) input: conv_dw_4: DepthwiseConv2D output: (None, 28, 28, 128) (None, 28, 28, 128) input: conv_dw_4_bn: BatchNormalization output: (None, 28, 28, 128) (None, 28, 28, 128) input: conv_dw_4_relu: ReLU (None, 28, 28, 128) output: (None, 28, 28, 128) input: conv_pw_4: Conv2D output: (None, 28, 28, 256) input: (None, 28, 28, 256) conv_pw_4_bn: BatchNormalization output: (None, 28, 28, 256) input: (None, 28, 28, 256) conv_pw_4_relu: ReLU (None, 28, 28, 256) output: (None, 28, 28, 256) input: conv_dw_5: DepthwiseConv2D output: (None, 28, 28, 256) (None, 28, 28, 256) input: conv_dw_5_bn: BatchNormalization output: (None, 28, 28, 256) (None, 28, 28, 256) input: conv_dw_5_relu: ReLU output: (None, 28, 28, 256) (None, 28, 28, 256) input: conv_pw_5: Conv2D output: (None, 28, 28, 256) (None, 28, 28, 256) input: conv_pw_5_bn: BatchNormalization output: (None, 28, 28, 256) input: (None, 28, 28, 256) conv_pw_5_relu: ReLU output: (None, 28, 28, 256) input: (None, 28, 28, 256) conv pad 6: ZeroPadding2D (None, 29, 29, 256) output: (None, 29, 29, 256) input: conv_dw_6: DepthwiseConv2D output: (None, 14, 14, 256) input: (None, 14, 14, 256) conv_dw_6_bn: BatchNormalization (None, 14, 14, 256) output: (None, 14, 14, 256) input: conv_dw_6_relu: ReLU output: (None, 14, 14, 256) (None, 14, 14, 256) input: conv_pw_6: Conv2D output: (None, 14, 14, 512) (None, 14, 14, 512) input: conv pw 6 bn: BatchNormalization (None, 14, 14, 512) output: input: (None, 14, 14, 512) conv_pw_6_relu: ReLU (None, 14, 14, 512) output: (None, 14, 14, 512) input: conv dw 7: DepthwiseConv2D (None, 14, 14, 512) output: input: (None, 14, 14, 512) conv dw 7 bn: BatchNormalization (None, 14, 14, 512) output: input: (None, 14, 14, 512) conv_dw_7_relu: ReLU output: (None, 14, 14, 512) (None, 14, 14, 512) input: conv_pw_7: Conv2D output: (None, 14, 14, 512) input: (None, 14, 14, 512) conv_pw_7_bn: BatchNormalization output: (None, 14, 14, 512) (None, 14, 14, 512) input: conv_pw_7_relu: ReLU output: (None, 14, 14, 512) (None, 14, 14, 512) input: conv_dw_8: DepthwiseConv2D (None, 14, 14, 512) output: (None, 14, 14, 512) input: conv_dw_8_bn: BatchNormalization output: (None, 14, 14, 512) (None, 14, 14, 512) input: conv dw 8 relu: ReLU output: (None, 14, 14, 512) (None, 14, 14, 512) input: conv_pw_8: Conv2D output: (None, 14, 14, 512) input: (None, 14, 14, 512) conv_pw_8_bn: BatchNormalization (None, 14, 14, 512) output: (None, 14, 14, 512) input: conv_pw_8_relu: ReLU output: (None, 14, 14, 512) (None, 14, 14, 512) input: conv_dw_9: DepthwiseConv2D (None, 14, 14, 512) output: input: (None, 14, 14, 512) conv_dw_9_bn: BatchNormalization output: (None, 14, 14, 512) (None, 14, 14, 512) input: conv_dw_9_relu: ReLU output: (None, 14, 14, 512) input: (None, 14, 14, 512) conv_pw_9: Conv2D output: (None, 14, 14, 512) input: (None, 14, 14, 512) conv_pw_9_bn: BatchNormalization (None, 14, 14, 512) output: (None, 14, 14, 512) input: conv_pw_9_relu: ReLU output: (None, 14, 14, 512) (None, 14, 14, 512) input: conv_dw_10: DepthwiseConv2D (None, 14, 14, 512) output: (None, 14, 14, 512) input: conv_dw_10_bn: BatchNormalization output: (None, 14, 14, 512) input: (None, 14, 14, 512) conv_dw_10_relu: ReLU output: (None, 14, 14, 512) input: (None, 14, 14, 512) conv_pw_10: Conv2D (None, 14, 14, 512) output: (None, 14, 14, 512) input: conv_pw_10_bn: BatchNormalization (None, 14, 14, 512) output: (None, 14, 14, 512) input: conv_pw_10_relu: ReLU (None, 14, 14, 512) output: (None, 14, 14, 512) input: conv_dw_11: DepthwiseConv2D output: (None, 14, 14, 512) input: (None, 14, 14, 512) conv_dw_11_bn: BatchNormalization output: (None, 14, 14, 512) (None, 14, 14, 512) input: conv_dw_11_relu: ReLU (None, 14, 14, 512) output: (None, 14, 14, 512) input: conv_pw_11: Conv2D output: (None, 14, 14, 512) input: (None, 14, 14, 512) conv_pw_11_bn: BatchNormalization output: (None, 14, 14, 512) input: (None, 14, 14, 512) conv_pw_11_relu: ReLU output: (None, 14, 14, 512) (None, 14, 14, 512) input: conv_pad_12: ZeroPadding2D (None, 15, 15, 512) output: input: (None, 15, 15, 512) conv_dw_12: DepthwiseConv2D output: (None, 7, 7, 512) (None, 7, 7, 512) input: conv_dw_12_bn: BatchNormalization output: (None, 7, 7, 512) (None, 7, 7, 512) input: conv dw 12 relu: ReLU (None, 7, 7, 512) output: (None, 7, 7, 512) input: conv_pw_12: Conv2D (None, 7, 7, 1024) output: (None, 7, 7, 1024) input: conv_pw_12_bn: BatchNormalization (None, 7, 7, 1024) output: (None, 7, 7, 1024) input: conv_pw_12_relu: ReLU (None, 7, 7, 1024) output: (None, 7, 7, 1024) input: conv_dw_13: DepthwiseConv2D output: (None, 7, 7, 1024) input: (None, 7, 7, 1024) conv_dw_13_bn: BatchNormalization output: (None, 7, 7, 1024) (None, 7, 7, 1024) input: conv_dw_13_relu: ReLU output: (None, 7, 7, 1024) (None, 7, 7, 1024) input: conv_pw_13: Conv2D (None, 7, 7, 1024) output: (None, 7, 7, 1024) input: conv_pw_13_bn: BatchNormalization (None, 7, 7, 1024) output: (None, 7, 7, 1024) input: conv_pw_13_relu: ReLU (None, 7, 7, 1024) output: input: (None, 7, 7, 1024) flatten 1: Flatten (None, 50176) output: (None, 50176) input: dense 1: Dense output: (None, 1024) input: (None, 1024) dropout_1: Dropout output: (None, 1024) input: (None, 1024) dense 2: Dense (None, 1024) output: (None, 1024) input: dropout_2: Dropout (None, 1024) output: (None, 1024) input: dense 3: Dense output: (None, 2)