**Image Segmentation Project**

The bokeh effect refers to the pleasing blur observed in out-of-focus areas of a photograph. It is characterized by soft, circular shapes created by points of light, enhancing the visual appeal of images. This effect can be simulated using image segmentation techniques, where specific areas of the image are selectively blurred to mimic the bokeh effect. In our project, we will explore implementing this effect using the MobileNetV2 model, which is trained on the COCO dataset. MobileNetV2 is renowned for its lightweight design, making it suitable for deployment on low-powered devices like mobile phones. In the broad view we first segment out the object from input image and then subsequently blur the necessary areas.

Final Output:

