Creating **Auto-labeling tool** for labeling all objects (buttons, text buttons, image and etc..) on Image

The *goal* of this task is to *label all objects* (with **their names**) on images.

To creating **Auto-labeling**:

Auto-labeling Tool **1** (**ALT1**) = UI Automator + OCR + Icon classification model

Auto-labeling Tool **2** (**ALT2**) = Detection Model + OCR + Icon classification model

UI Automator**:** https://github.com/openatx/uiautomator2

Detection Model: which is explained previous pages

OCR: **Easy OCR** open-source project (link: https://github.com/JaidedAI/EasyOCR)

Icon classification model: dataset is download from **Kaggle** and dataset was training by **VGG** model

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input

ALT1 output

ALT2 output