

Detecting clickable objects in mobile applications

Step 1 => **Collecting dataset**: Take screenshots using **150** mobile apps

Step 2 => **Labeling dataset** using **Labellmg** tool (link: <https://github.com/tzutalin/labellmg>)

class names = [icon_button, image, input_box, clickable_item, button, text_button]

dataset examples:



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Step 1 => **Collecting dataset**: Take screenshots using **150** mobile apps

Step 2 => **Labeling dataset** using **LabelImg** tool (link: <https://github.com/tzutalin/labelImg>)

Step 3 => **Making detection model**:

Detection model: Training dataset with **Yolov3** and **Yolov4** using Darknet (link: <https://github.com/AlexeyAB/darknet>)

Step 4 => Creating loading time **API** using **Flask**

Please enter to download video for knowing how **Detection Model** works :

Video link : https://github.com/aavuzb/project_videos/raw/main/Detection_model_6_classes.mp4