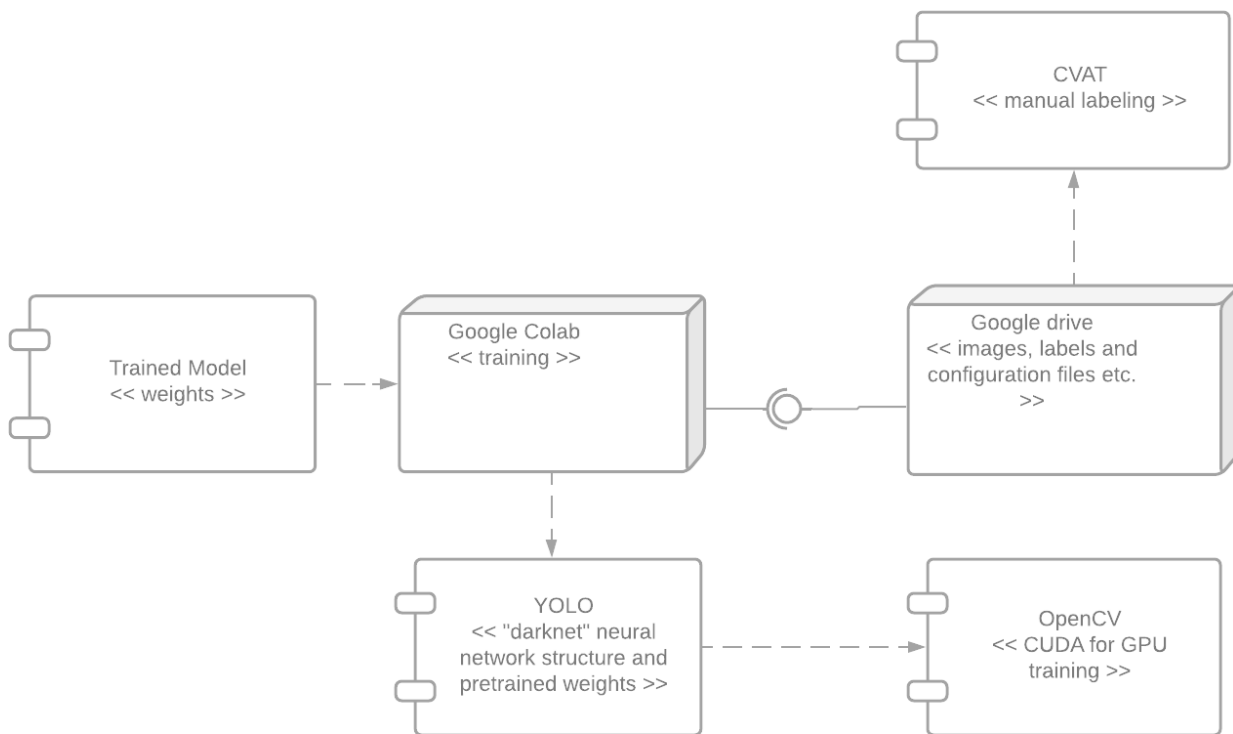


Diagrams

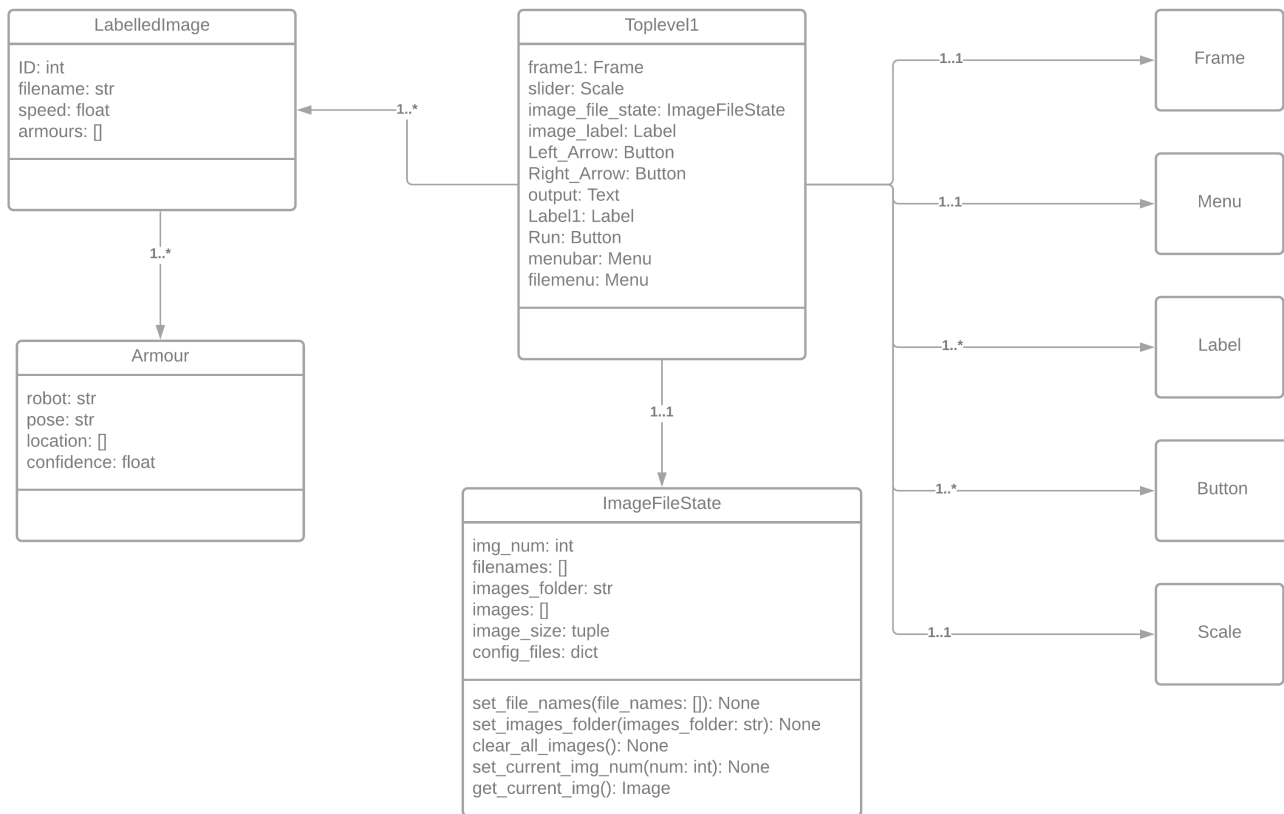
Component Diagrams



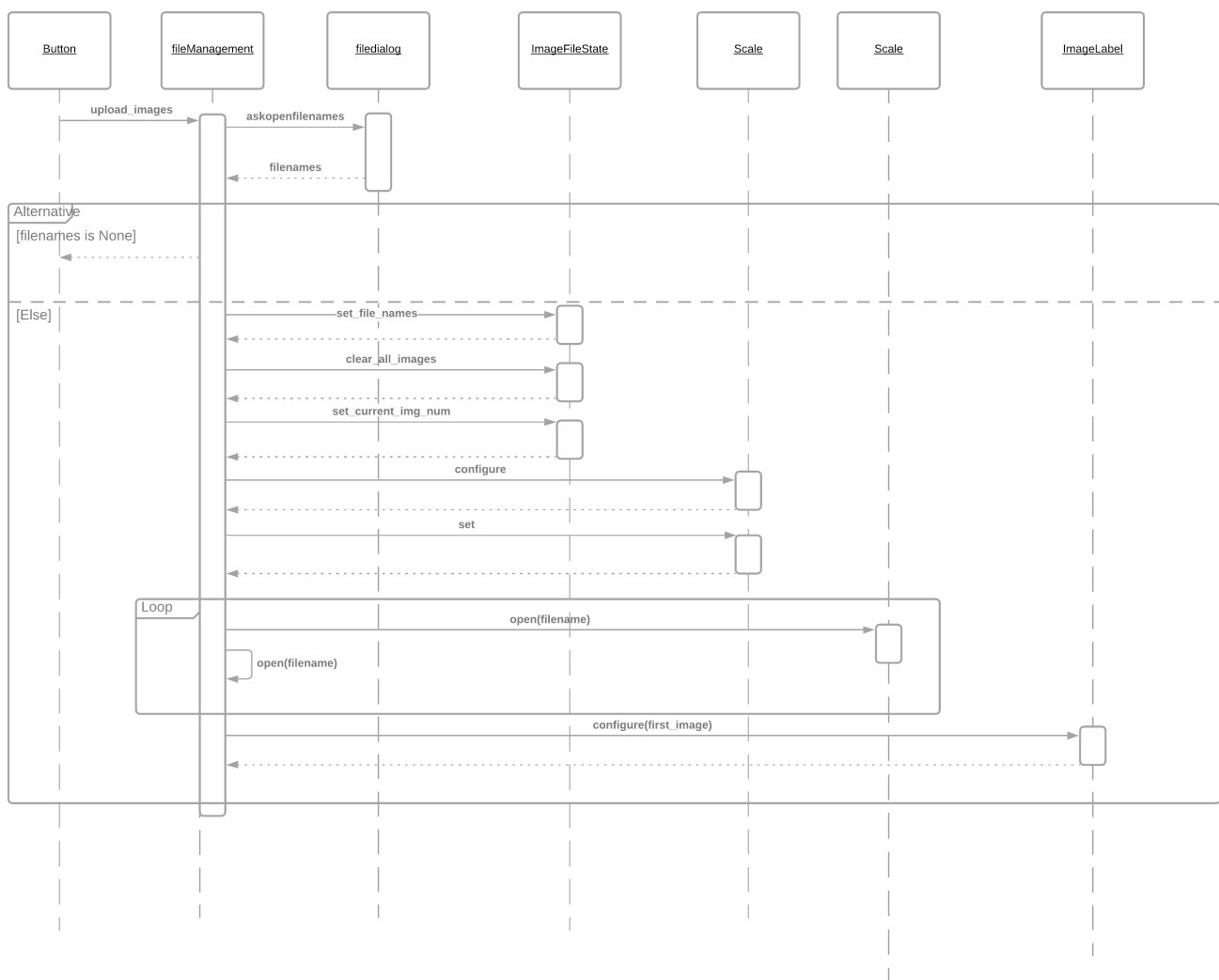
Technologies Used

- [CVAT](#): image labeling tool
- Google drive: storing images, labels, configuration files, and weights
- Google Colab: training the model with GPU
- [YOLO](#): state-of-the-art real-time object detection system. It's a neural network structure to train the model.
- [OpenCV](#): Computer vision library.

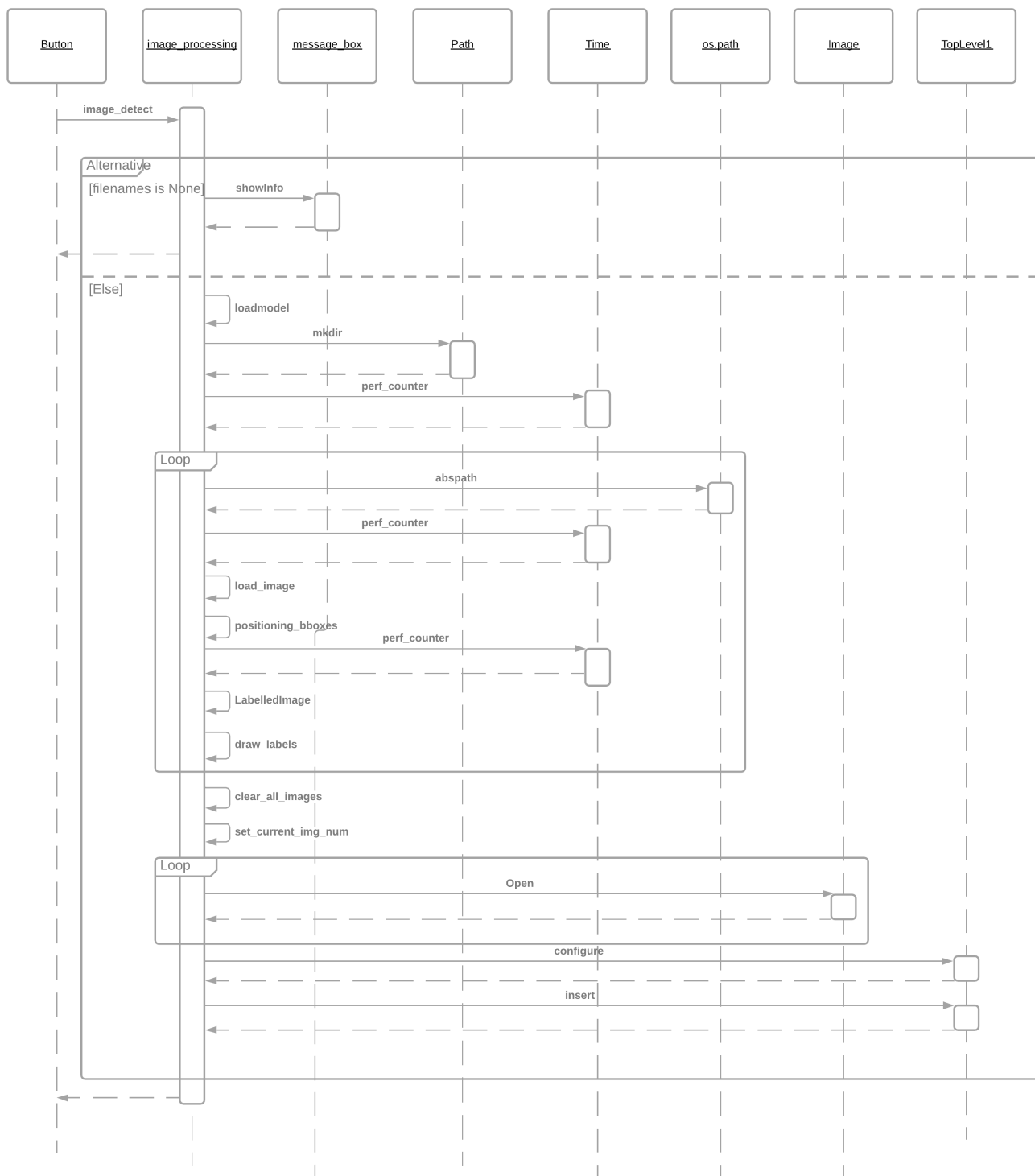
Class diagram for GUI



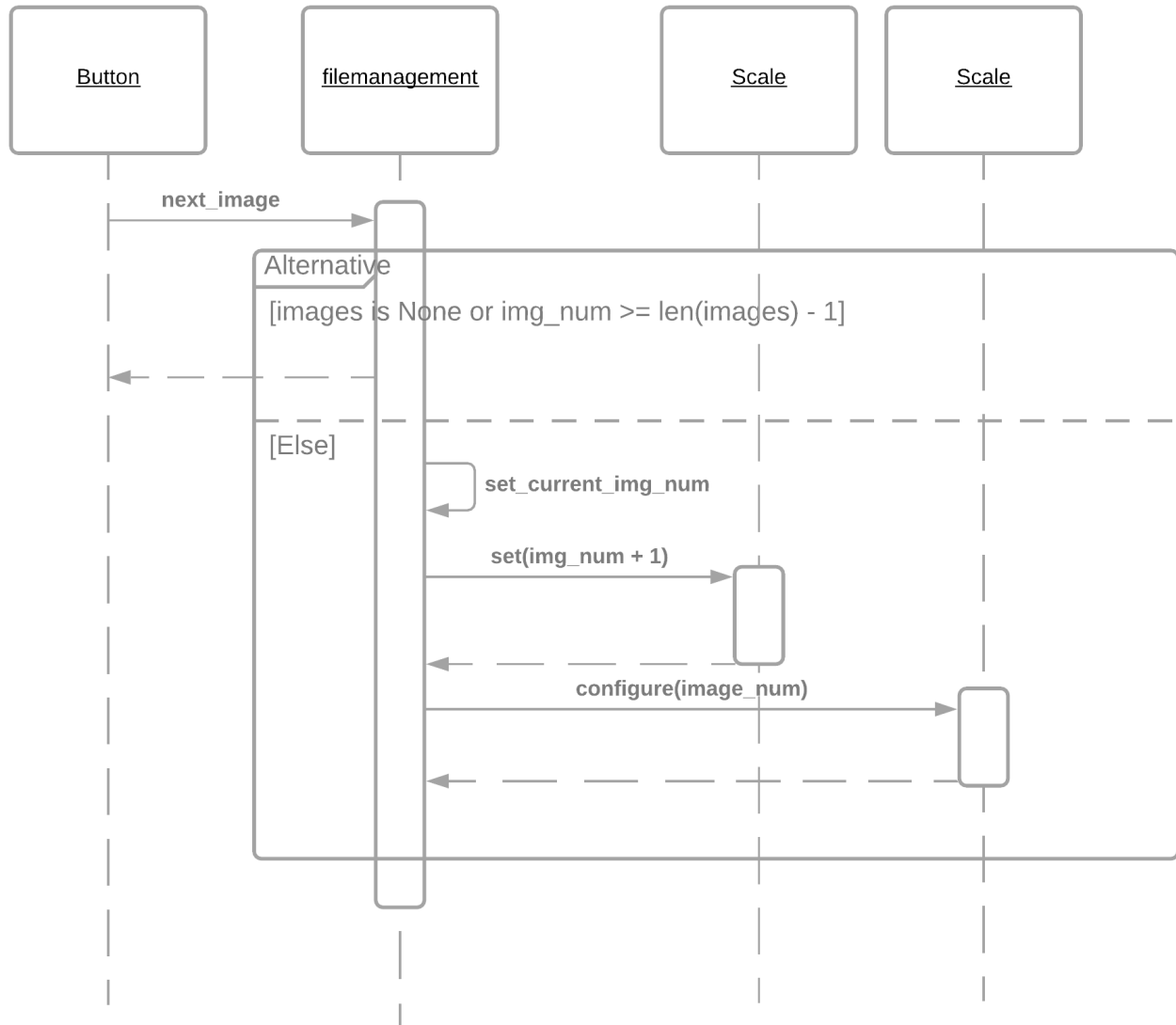
"Upload image" sequence diagram



"Image detection" sequence diagram



"Next image" sequence diagram



"Initialise GUI" sequence diagram

