**Scenario Planning for Model Training**

**Detections:**

* Incorrect use of PPE
* Too close to dangerous objects
* Jumping from a truck

| **Type of Detection** | **What should be filmed/photographed** |
| --- | --- |
| Incorrect use of PPE | Videos of people not wearing PPE |
| Incorrect use of PPE | Videos of people wearing proper PPE (hi-vis and hard hat) |
| Incorrect use of PPE | Videos/photos of people wear one type of PPE and not the other (e.g. hard hat and no hi-vis and vise versa) |
| Too close to dangerous objects | Get videos to train proximity? Tag a non-dangerous item as dangerous (for training purposes) |
| Too close to dangerous objects | Photos and videos of forklifts - training to detect from camera |
| Too close to dangerous objects | Photos and videos of steel beams - training to detect from camera |
| Too close to a dangerous object | Photos and videos of proximity to truck / moving truck - training to detect from camera |
| Jumping from truck | Videos of the person wearing the camera jumping |
| Jumping from truck | Videos of other people jumping |

**How Did We Want To Collect Videos/Photos:**

We will be training the model with videos and photos. These will be collected from

* PPE training images online
* Videos and images from Inviol - (ask)
* Self-collected videos