

# Team: Life-Hacks

## Team Members:

- Sarnesh Kalundia [sarneshkba2021@email.iimcal.ac.in](mailto:sarneshkba2021@email.iimcal.ac.in)
- Rajat Gautam [rajatba2021@email.iimcal.ac.in](mailto:rajatba2021@email.iimcal.ac.in), [rajat.gautam17@gmail.com](mailto:rajat.gautam17@gmail.com)

## Training

1. Created annotation for train dataset using labeling. For images with more than one object, we manually annotated the data, for single image we took entire image as object.
2. Train the YOLO model using train data we referred below link for reference  
<https://www.analyticsvidhya.com/blog/2018/12/practical-guide-object-detection-yolo-framework-python/>
3. We used pre-trained weights of coco dataset to fine tune model as our requirements
4. Max batch size = 20k , 10k per class

## Testing

1. We predicted the test images using the weights received after training the model
2. There were few images which had more than one object/vehicle. In that case we tagged image to emergency category even if a single emergency vehicle was there.