

# MINI PROJECT

## Object Recognition in Video

**Scrum Master :** Anjali Ramesh  
**Team Leader :** Anila Shaji  
**Group Members :** Anu Varghese  
Rini Varghese  
Rubina Brijith Antony  
Rukhsana J N

13-October-2017

## NAME OF TASK 3

Feature based object detection in real-time video

- Assign Date : 03-October-2017

## OBJECTIVES

- Which image features should be used?
- To learn more about detecting object from a realtime video.
- Advantages of Object Detection from a realtime video.

## ALGORITHM

Algorithm : Feature based object detection in real-time video.

Input : Video file.

Output :Detected objects with labels.

Method :

Step 1 : Start

Step 2 : Capture a realtime video using webcam.

Step 3 : Divide each image in the video into frames.

Step 4 : Generate a rectangle consisting of labels on the image frame.

Step 5 : Detected objects will be shown along with the labels on the video.

Step 6 : stop

## MEETINGS

04-October-2017

Anjali Ramesh : Scrum meeting held for 12 minutes on the new task and created the report.

Anila Shaji, Rubina Brijith Antony : make a study on the task.

Rukhsana : Prepared the algorithm for the task.

Rini Varghese, Anu Varghese : searched for similar type of task for reference.

06-October-2017:

Anjali Ramesh : Scrum meeting held for 12 minutes.

Anila Shaji, Rubina Brijith Antony : Run the code.

Rukhsana , Anjali : Captured the video for inputing.

Rini Varghese, Anu Varghese : make a study on the task.

09 October 2017:

- Scrum meeting held for 10 minutes on the task.
- Tried to execute the code.
- Errors are noted and discussed about how to rectify it.

10-October-2017 :

- Scrum meeting held for 10 minutes on the task.
- Tried out new code
- Discussed about ORB technique.

12-October-2017:

- Scrum meeting held for 10 minutes on the task.
- Detected objects from the video in a dotted way.
- Tried to label each items that detected .

- **Percentage of task 3 completed : 80%**