

# MINI PROJECT

## Object Recognition from Video

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

03-November-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 : Learning algorithm for classification

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

Step 6 : stop

## MEETINGS

27-October-2017:

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

Anila Shaji, Rubina Brijith Antony,Rukhsana : Finding methods in SVM

Anjali Ramesh , Rini Varghese, Anu Varghese : Searched how to classify objects using SVM

28 October 2017:

- Scrum meeting held for 10 minutes on the task.
- Tried to correct errors in our code and run it.
- Discussed and learned the code.
- Today 5 groups presented their first presentation.

29-October-2017 :

- Scrum meeting held for 15 minutes on the task.
- Today we presented our first project presentation.
- Started the work of documentation.

- **Percentage of task 3 completed : 89%**