Instructions for Creating Video

Note: Please ensure that the video uploaded is of good quality and conforms to the instructions given below.

1. Set up the arena before you start the video as given in the following document: "Pizza Delivery Service.pdf".

2. The video should be a **one-shot continuous video**. It should **not be edited** in any manner. Teams uploading an edited video will be disqualified from the competition. e-Yantra reserves the rights to disqualify any team if foul play is suspected.

3. The resolution of the video should be good enough for judging. You have to use **a 5 Megapixel camera or higher** to shoot the video.

4. The video should be in one of the two following formats: **.avi** or **.mp4**

5. The video should be taken by keeping the camera such that the entire arena is visible to the viewer. Here are a few tips for shooting good quality video:

    o Camera should be kept stable even if it is moved around the arena while recording the run.

    o Time displayed on the SSD module should be visible in the video throughout the run.

    o Light the arena from the side such that there is no reflection into the camera.

    o Keep the background, any lighting, etc. constant during the video shooting so that it doesn't show as a discontinuity in the video.

    o There should be minimum interference in terms of background noise or movement while shooting the video.

    NOTE: The video must show:

    ● The robot **traversing arena** and **SSD Module** showing **Time clearly**.

    ● **SSD Module** and **RGB LED** while detecting each pizza.

    ● The deposition of **pizza** clearly in the **Deposition Zone** and **Garbage Dumping Section** respectively.

6. The video **should start with a brief introduction**. Please follow the instructions below:

    o Please download the template "Title_slide.doc" from Task_3_Video_Submission folder in the "Download" tab, fill in the <Team ID>, <Team Member Name>, <College Name,

Place>, and print. Opening screen of the video should be a shot of this A4 sheet with the team details. Hold the sheet still for 3-5 seconds along with all the team members.

- o This should be followed by an introduction limited to a maximum of **ONE minute**:
  - ▪ Short introduction by each team member: Each team member can say his/her name and their department, designation in college. This should take a maximum of **30 seconds**.
  - ▪ A **30 second** introduction by the team leader highlighting any interesting aspect of the theme's implementation.

7. After the introduction the robot should be switched on. From this point, you should just record the robot in action – **no explanation is required**.

8. Once the run starts, entire arena should be in the camera view without any interference until the run ends.

9. The run ends when the robot sounds a buzzer.

10. In case you have any problem with the robot during the task (e.g. it goes out of the arena or loses track) and want to restart/reposition the robot, you can do so subject to the rules given in the rulebook.

11. You are allowed to capture only ONE run during the demonstration; this should be a continuous video recording. You are allowed to restart two times during the run as mentioned in the rulebook. Any restarts (if made) should also be a part of the one shot video.

12. It is mandatory that you upload the demo video even if your task is not completed. You may record the video of best run of the robot on the arena.

13. The video should end either
    - o (i) When the task is completed successfully or
    - o (ii) If you exceed the number of restarts/repositions or
    - o (iii) The maximum time (10 minutes) given to complete the task has elapsed - as mentioned in the rulebook.

14. **Uploading video/s on YouTube:**
    - ● Upload video using the Regular Configuration Table with the title **eYRC#PD#<Team ID>_Demonstration**
    - ● Upload video using the Bonus Configuration Table with the title **eYRC#PD#<Team ID>_Bonus_Demonstration**

    (For example: If your team Id is 25 then, save it as eYRC#PD#25_Demonstration)

- Please note that while uploading the video on YouTube select the privacy setting option as **Unlisted. (Refer to Figure 1)**
- You need to submit the video link on the "**upload**" tab of the portal.
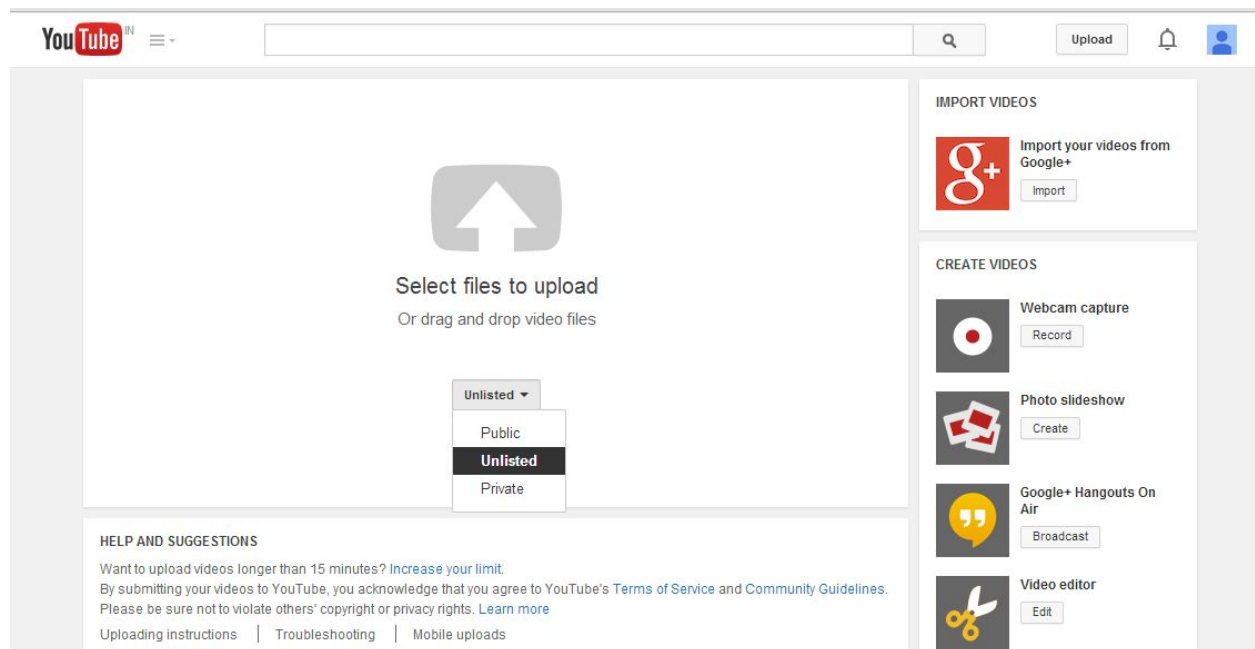

Figure 1