

Task 3 - Submission Instructions

This task is divided into two sections:

I. Task 3A

II. Task 3B

NOTE: Make sure you have executed the `rr_t3_client.py` file to generate the `task_3a_output.txt` file. This text file is in encoded format. Kindly do not play with it.

Teams must upload the solutions of Task 3 as follows:

(I) Task 3A:

- In this task, you are supposed to submit only **one .zip** file and a **YouTube** video.

Folder:

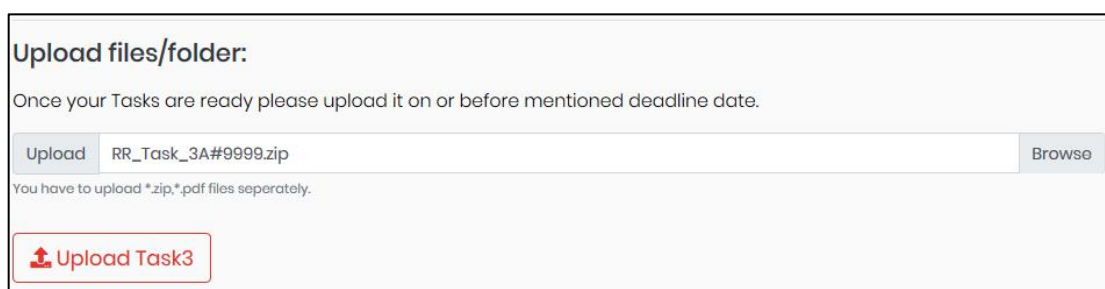
➤ *Task 3A* folder:

Once done with the Task 3A:

- ✓ save the complete project folder of ATmega 2560 application named: **robot-sensors-atmega2560** created in eY-IDE. This folder should contain the source file: **robot-sensors-atmega2560.c** and its compile binary files inside the **build** folder.
- ✓ the source file of ESP32 Robot Server application created in eY-IDE named: **robot-server-esp32.c**
- ✓ the encoded text file generated: **task_3a_output.txt**

Rename this folder as **RR_Task_3A#<Team_id>**. Make a zip of it and submit on the portal under Task 3 tab.

Upload the **RR_Task_3A#<Team_id>.zip** on the portal as shown in Figure 1 and click on **Upload Task3** button.



The screenshot shows a web form titled "Upload files/folder:". Below the title is a message: "Once your Tasks are ready please upload it on or before mentioned deadline date." There is a text input field containing "RR_Task_3A#9999.zip" with a "Browse" button to its right. Below the input field is a note: "You have to upload *.zip,*.pdf files separately." At the bottom of the form is a red button with a white upload icon and the text "Upload Task3".

Figure 1

Video:➤ **Task 3A** video:

You have to record the video as instructed in the Problem Statement of Task 3A. Upload the video on YouTube as **Unlisted**. Instructions for submitting the video link are provided on the portal.

Once done, you have to copy paste the URL of the video in the text box provided under **Upload Video links** section on the portal as shown in Figure 2 and click on **Upload Video** button.

Upload Video links:

Once your Video is ready please upload it on or before mentioned deadline date.

Instructions for submitting the video task:

1. Please read the instructions for creating video provided in Task folder.
2. **Upload** your recorded video on YouTube.
The name of the video should follow the syntax given below:
If your team id is "16", you should save the video as **eYRC-RR#16_Task1**
3. Your uploaded video should be **Unlisted**.
4. Copy the URL of your video, paste it in the text box below and click submit.

Youtube Link for Task


 **Upload Video**

Figure 2

(II) Task 3B:

- In this task, you are supposed to submit only **one .pdf** file.

You have to answer all the questions asked in the **Theme_analysis_and_Implementation** document. Once answered, convert the **.docx** file into **PDF** with the name of the file as: **RR_Task_3B#<Team_id>.pdf**.

Upload the **RR_Task_3B#<Team_id>.pdf** on the portal as shown in Figure 3 and click on **Upload Task3** button.

Upload files/folder:

Once your Tasks are ready please upload it on or before mentioned deadline date.

You have to upload *.zip,*.pdf files separately.


 **Upload Task3**

Figure 3

Deadline: .zip file and YouTube video link of Task 3A and .pdf file of Task 3B is to be uploaded on or before Wednesday, January 8, 2020 11:59 pm.

Summary:

Task	Files to be uploaded	Deadline
Task 3A	RR_Task_3A#<Team_id>.zip and Unlisted YouTube video link	January 8, 2020
Task 3B	RR_Task_3B#<Team_id>.pdf	