

# Logicblocks by Techlignce Robotics Task Sheet

## Introductory Task

February 7, 2024

**Important** All the **underlined** text are **links**, which might not be visible based on your application, so do not forget to click any underlined text throughout the document and make sure to follow the coding standards given in the file.

### Introduction to Techlignce

Welcome to Techlignce. As this is your introductory task, it is designed to be doable. By now, you should have no issues running the development server and have familiarized yourself with the application on the main branch. Detailed instructions for the tasks are outlined below.

### Task

For this week, you will be working on the new branch created by you and named `feature/camera-task`. Your objectives are as follows:

1. Merge the `main` branch and the `addedCamera/add-camera` branch on your local `feature/camera-task` branch. This includes integrating the functionality that accesses the camera from your device and streams it onto the canvas. More information about this task can be found in the task sheet provided here.
2. Render at least one block in the toolbox. This block is for display only and should not have any functionality yet. For guidance on creating custom blocks, refer to the **Blockly Custom Blocks Documentation**. Also, review branches such as `feature/motion-control` on GitHub to understand how to render a custom block in Blockly.
3. Engage in bug finding. As you work on the main branch, identify at least one unique bug and coordinate with other teams to ensure no duplicates are reported.
4. Document all activities and findings throughout the week. Effective documentation is a critical component of your internship.

### Sample documentation form

Attached below is a sample for the documentation for your task, please fill this out completely and send via email to your respective supervisor.

## Task Statement:

Please provide a concise statement of the task you worked on this week.

- \_\_\_\_\_
- \_\_\_\_\_

## Solution:

Include images and descriptions of the solutions you implemented.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

## Individual Entry: (What everyone did)

Document the contributions of each team member.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

## Report Bugs and Problems:

Detail any bugs or issues encountered, including steps taken to identify or resolve them.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

## Final Verdict:

Summarize the outcome of the tasks and any remaining action items.

- \_\_\_\_\_
- \_\_\_\_\_

**Good luck!!**