

# Task 5.2C RPi – Making a GUI

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Q1. Submit a video that demonstrates the system working.

<https://youtu.be/xTs81Xu5i0Q>

Q2. Create a repository named SIT210-Task5.2C-RPiGUI on Github. Upload your code to the repository. Include the link to your repository here.

[https://github.com/pscompsci/SIT210\\_Embedded\\_Programming/tree/main/Task\\_5\\_2C](https://github.com/pscompsci/SIT210_Embedded_Programming/tree/main/Task_5_2C)

Q3. Describe a real-life usage scenario for your system.

Given that this includes three LEDs, any situation requiring a traffic light system that can be manually switched, would be a good use for this. For example:

- A weighbridge that needs to indicate to vehicle drivers that they have reached the correct position on the scale
- A road maintenance crew with lights set up to indicate when traffic can proceed, or stop
- An industrial setting where safety requires administration over the movement of people in hazardous areas