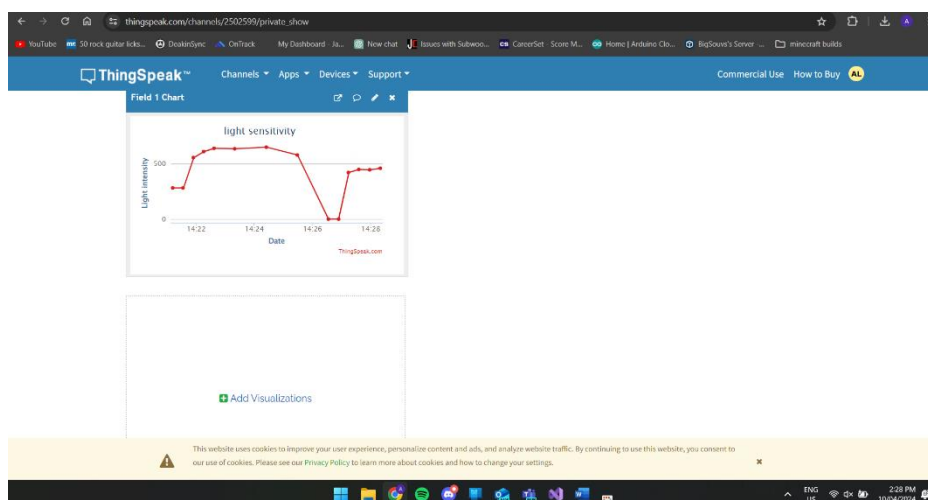
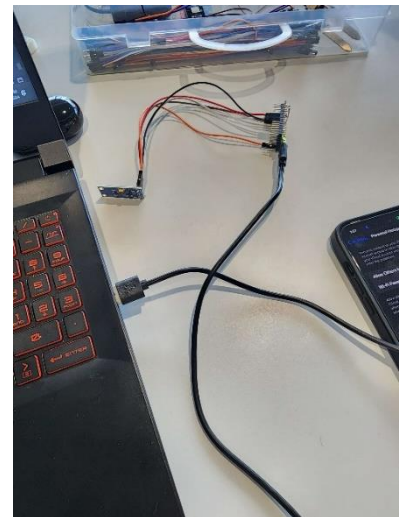
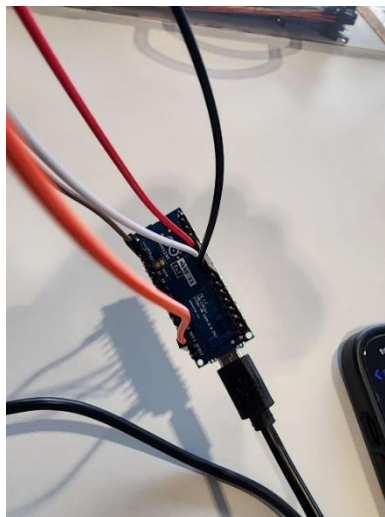
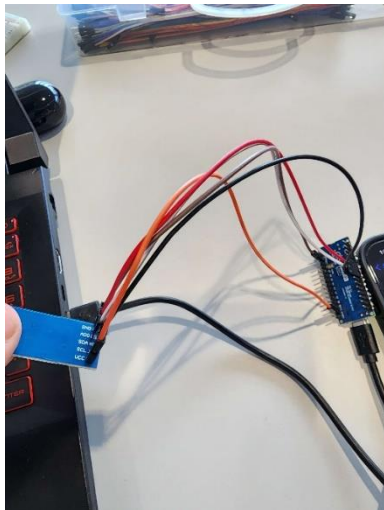


1. Provide a summary (less than two paragraphs) of your understanding of Webhooks using one real-life usage scenario.

Webhooks are a technique that enables real-time HTTP callback communication between web applications. Webhooks allow instantaneous notifications from one system to another when certain events occur, as opposed to the conventional request-response architecture where one system polls another for updates. An HTTP POST payload is sent from a source application to a destination application at a predetermined URL known as the webhook endpoint. The destination application processes the payload and performs any necessary steps after receiving it.

Take into consideration, for example, an e-commerce platform that uses webhooks to alert a shipping company to new orders. An event is started on the e-commerce site when a customer submits an order. After that, a webhook is triggered by this event, and it sends a POST request with the order details to the shipping service's API. The shipping service can then streamline the workflow and increase efficiency by automatically processing the order, creating a shipping label, and starting the delivery process without requiring human participation. This real-world example shows how webhooks enable smooth system integration and automatic actions triggered by particular events.



Github Link: <https://github.com/Greekfreaks/Task2.1WebHook>