Iteration 8 Review:

Planning: 31/07/2023 – 02/08/2023  
Development: 03/08/2023 – 11/08/2023  
Review: 12/08/2023 – 13/08/2023

# Executive summary:

## What Went Well

OpenPLC logic was implemented well to listen to the middleware and produce x number of boxes passed in. We can now demonstrate a connection between the website dashboard and our factory simulation.

The job request feature was completed which allows the user to send a number of job requests to the database.

We had more Team Meetings, and they went well. The team worked around existing conflicting schedules to maintain 2 weekly meetings with sub-teams, then with all members present at the mentor meeting.

## Issues and challenges

OpenPLC is hard and requires its own upskilling. Structured text and controller logic.   
Client wants to implement a physical device that works in real-time with our job requests, while totally not impossible, this idea puts more work load on the team.   
Challenges in terms of producing required documentation need to be reviewed and highlighted.

# Milestone summary

## Milestone 1: Web can modify FactoryIO and PLC

The website can now modify values that directly talk to OpenPLC and FactoryIO. The website can turn on the machine, which turns on conveyors on the factory floor.