Iteration 7 Review:

Planning: 17/07/2023 – 18/07/2023  
Development: 19/07/2023 – 28/07/2023  
Review: 29/07/2023 – 30/07/2023

# Executive summary:

## What Went Well

The team continued to work on tasks assigned to them after the mid-semester break. A handover of a milestone in progress was handed over between team members in the form of a meeting and small demonstration for the Front-End implementation. Team has taken advantage of assigning sub tasks to complete in their own time and identifying major issues that require collaboration as a team in meetings. The team met early in the iteration to develop a top-level diagram of the project as it was still unclear, however with the new diagram the team is understanding and on board.

## Issues and challenges

It was identified that our original PLC would no longer be viable due to the voltage being unsafe for students to work on. A resolution was formed from this that we would simulate the PLC using software (OpenPLC). Scheduling times remain strict and difficult to work around.

A milestone was swapped with iteration 8 to 7, as current development caters towards focusing on the Database connecting to website over the Web API connecting to Factory IO.

# Milestone summary

## Database Connects to Website

Database was moved to a new domain and connected to the live website. A new JSON schema was agreed on and implemented and stored within the database. Front end will now display values in real time based on the information inside database.

## Stakeholder Demo Two