3.27 fourth meeting

To demonstrate real-time performance, in addition to the automatic control modules, each module also needs to have an active control module.

Automatic temperature control module

Active temperature control module

Water and air pump control module

We also discussed the design of a thread pool to help with learning. This was very challenging since no one in the group had any prior experience with it.

We meet lots of difficulties.

These difficulties include thread synchronization, load balancing, and handling thread starvation. Additionally, the team had no prior experience with designing a thread pool, making it even more challenging.