

Intelligent Seasoner

Term Project Proposal

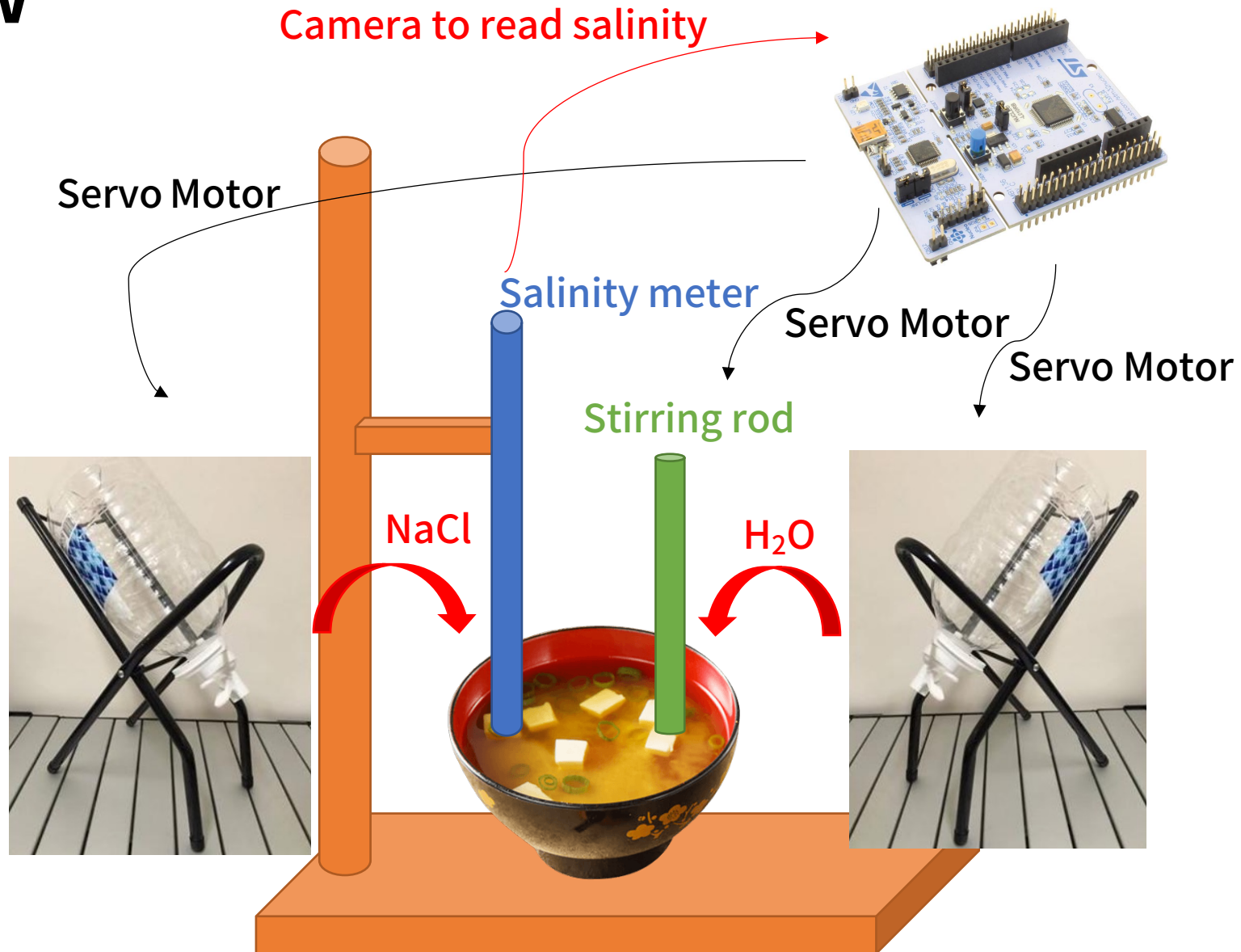
110-1 Embedded System Labs

2021/11/19

Outline

1. How it works? (Flow)
2. Why Intelligent Seasoner? (Motivation)
3. How to implement?
4. Possible Challenges
5. Feedback

Flow

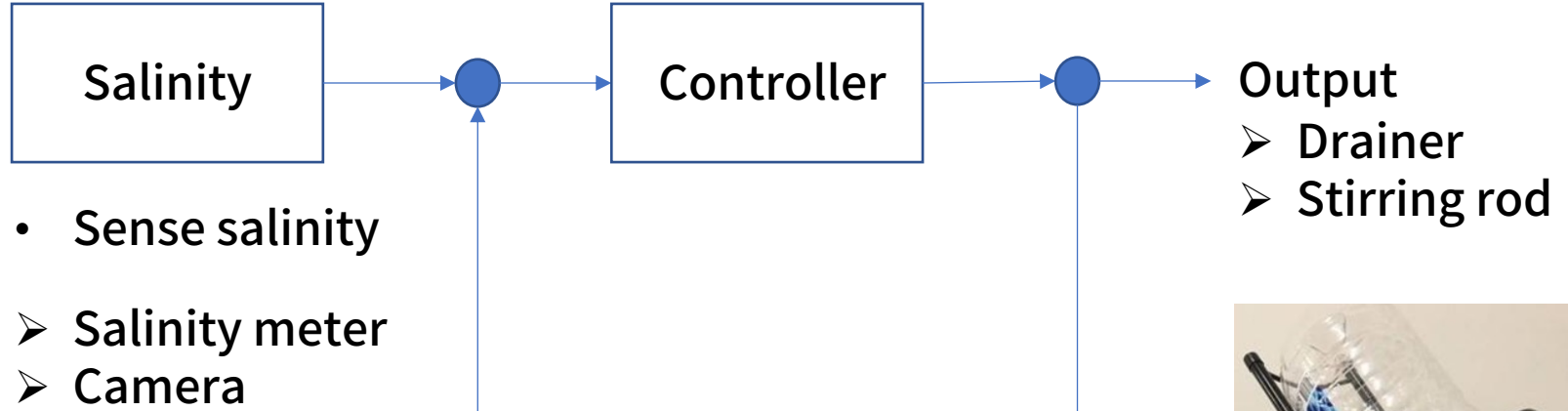
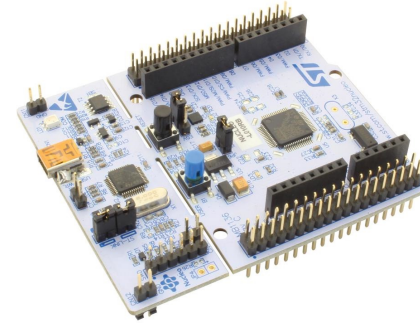


Motivation

- When we buy soups in some stores, the soups may not be salty or thick enough as we expected.
- We want to make the soup as flavored as we preferred.

Implementation

- STM32
- Arduino



- Add water
- Add salt



Possible Challenges

- Conductivity may be influenced by temperature.
 - Need Correction
- The response time of sensing data may be too long, which depends mainly on salinity meters.
- How to control the flow of water/salt?
- How does camera read the value on the salinity meter?



Feedback

Thank You