

Intelligent Seasoner

Term Project

Midterm Progress Report

110-1 Embedded System Labs

Advisor: 王勝德 教授

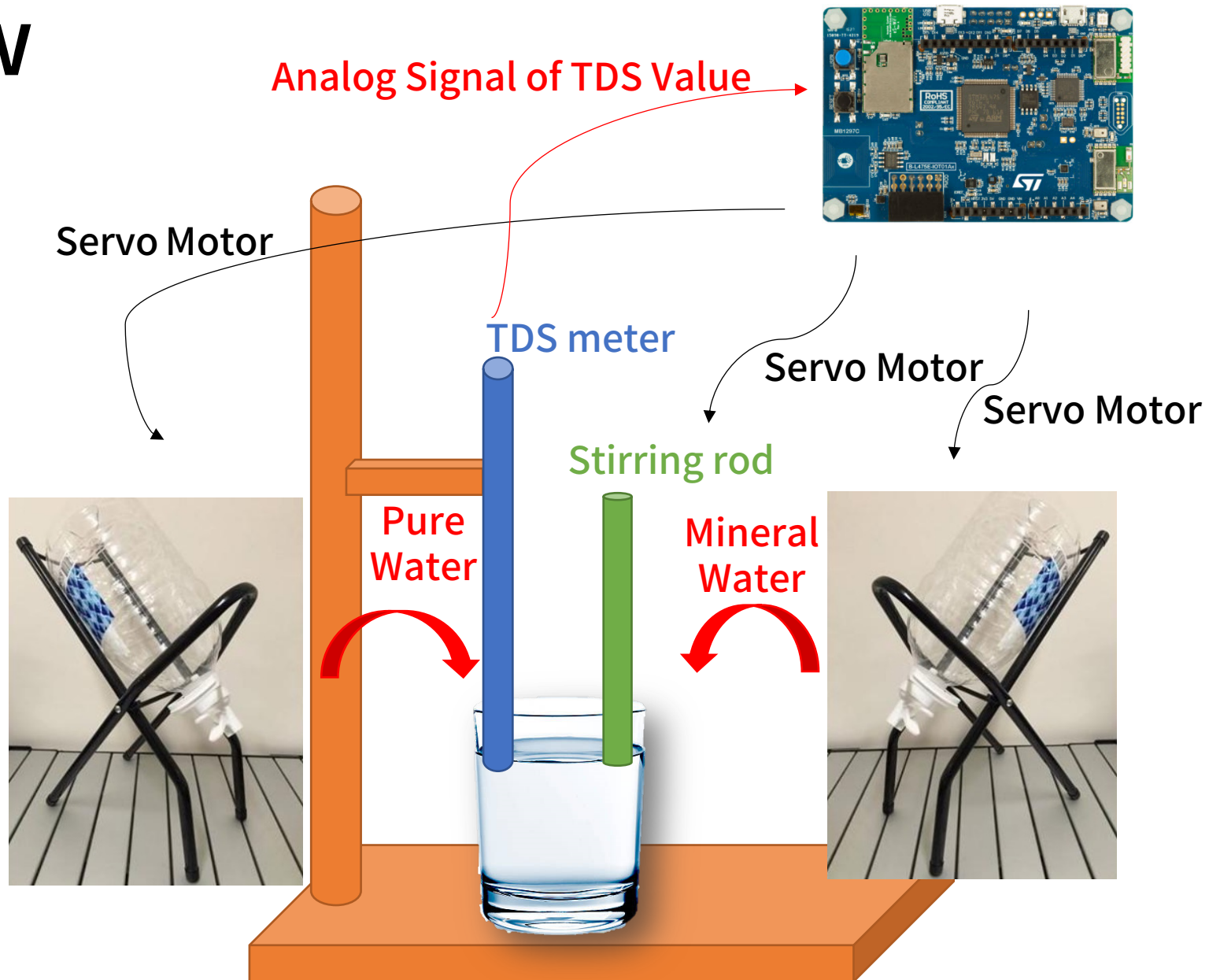
Members: 莊立楷、戴偉翔、闕嘉宏

2021/12/17

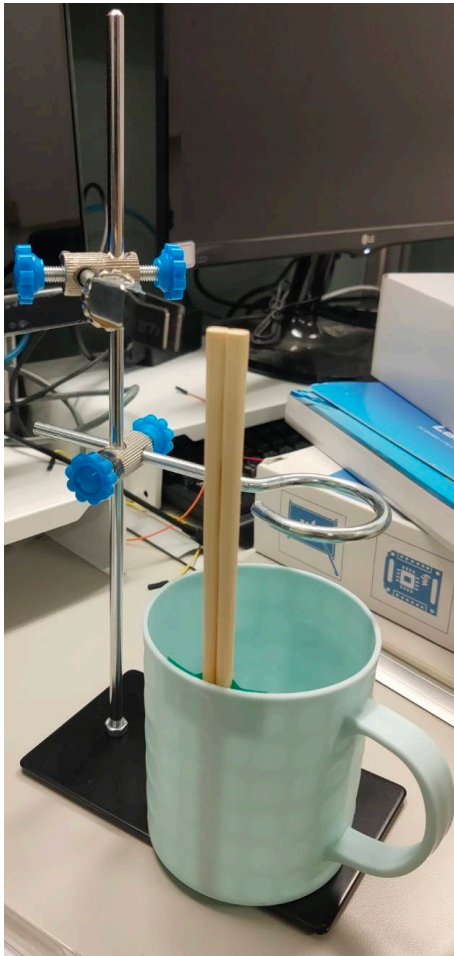
Outline

1. How it works? (Flow)
2. Challenges

Flow



Current Progress



Mainly focus on:

1. Mechanism
2. Sensor Stability Testing
3. Research on the mineral water from different brands

Challenges

- The control of the servo motor by STM32 is not stable and usable now.
 - Temporary solution: We use Arduino as the alternation.
- The flow of water may be affected by the quantity of water remained in the bottle.
- Current servo motor doesn't have enough torque to open the water dispenser valve.

Thank You