

**Group Name:**

Leaking Thoughts

**Project Name:**

Tem Sensi(TS is not only a sensor)

**Group Member :**

Xihong Xie(Leader)

Sixue Xing

Bijun Wu

Kerui Wu (Not in RCOS)

**Project Overview:**

a new Tem Sensi device

service micro-service to interact with smart home devices/appliances via Matter. The device service will be protocol-based and implement the Matter specification. We will implement micro-service mainly on Restroom smart home devices by modifying home devices' status automatically via Room Temperature, Time, and User's Body Temperature.

**Project Goal:**

Tem Sensi is a controller of smart temperature based adjuster it will use the room temperature to make user's life more comfortable.

**Project Language:**

We'll be using Golang for development

Week 1	Learning go Lang & Docker, matter
Week 2	Learning go Lang & Docker, matter
Week 3	Learning go Lang & Docker, matter
Week 4	Start project base coding
Week 5	Building the base of project
Week 6	Start design the UI and front end
Week 7	Finish the starting coding and begin working on specific features
Week 8	Developing the interaction between devices
Week 9	Testing the project and fixing
Week 10	Adding UI to the program and testing it with the feature
Week 11	Achieve the goal with temperature

	monitor and smart body device
Week 12	Finish up the project and prepare for presentation