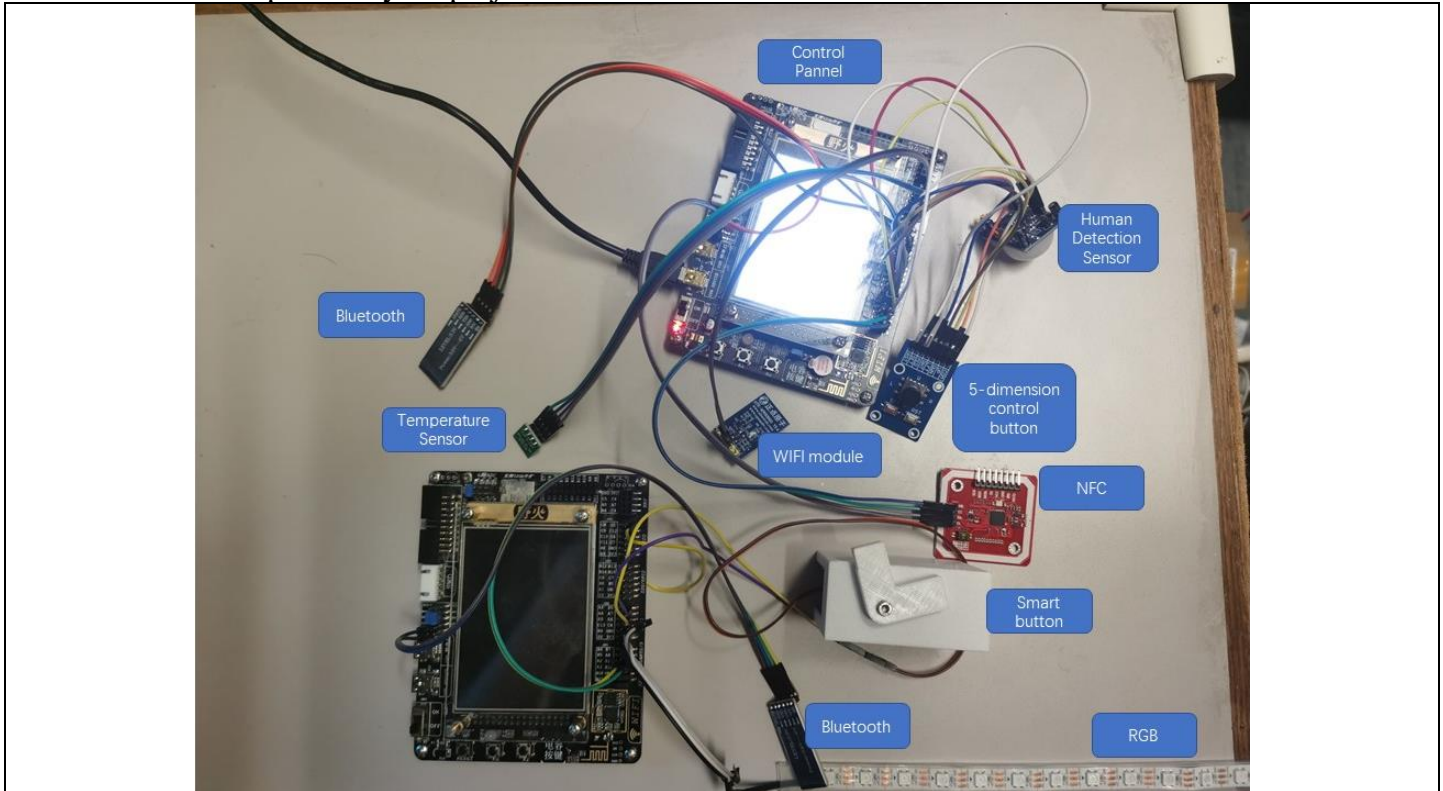


# ELEC 3300 Project Summary Sheet

This is a ONE Page Summary Sheet, Content more than 1 page will be deleted.  
All the fonts used in this Sheet should be in Times New Roman at 12 points

Group Number	38
Project Title	Smart Dorm
Name of Student 1	He Yichen
Name of Student 2	Zeng Zhuo
Name of Student 3	Yin Jianing

Please attach ONE photo of your project below



Please list the functions of your project in point form

## 1. Schedule Reminder:

- Monitoring the weather and updating the schedule through WIFI connections.
- Panel is able to schedule and remind users with buzzer.

## 2. AC/Light Control with control panel

- Using control panel to control the lighting and AC through Bluetooth.
- “Smart” switch will maintain the room temperature at certain level by switching the AC on and off.
- Using RGB to symbolize the remaining AC hours.
- If users leave the room without turning the AC off, the system will automatically turn it off with the help of human detection sensor.

## 3. Users' interface through panel and smart phone

- Users can update the schedule with NFC scanning.
- 5-dimension control button is used for users to directly adjust the setting LCD panel.