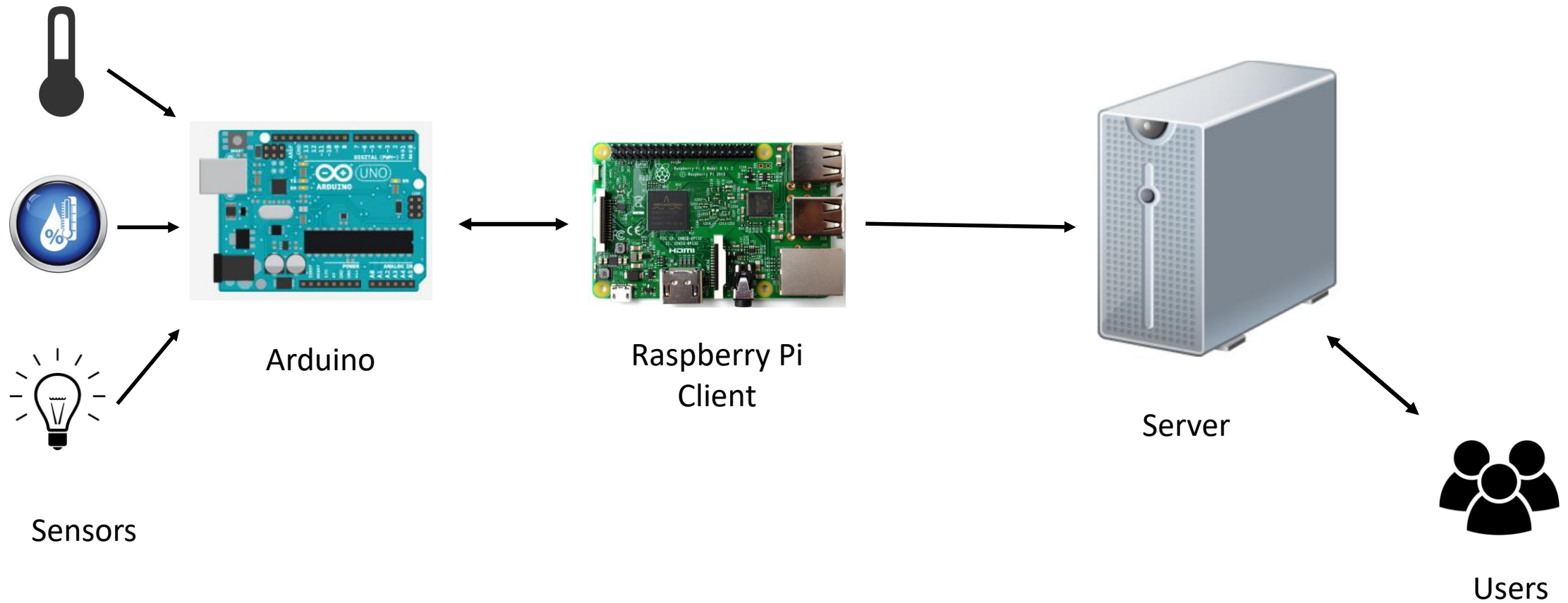


# Implementation



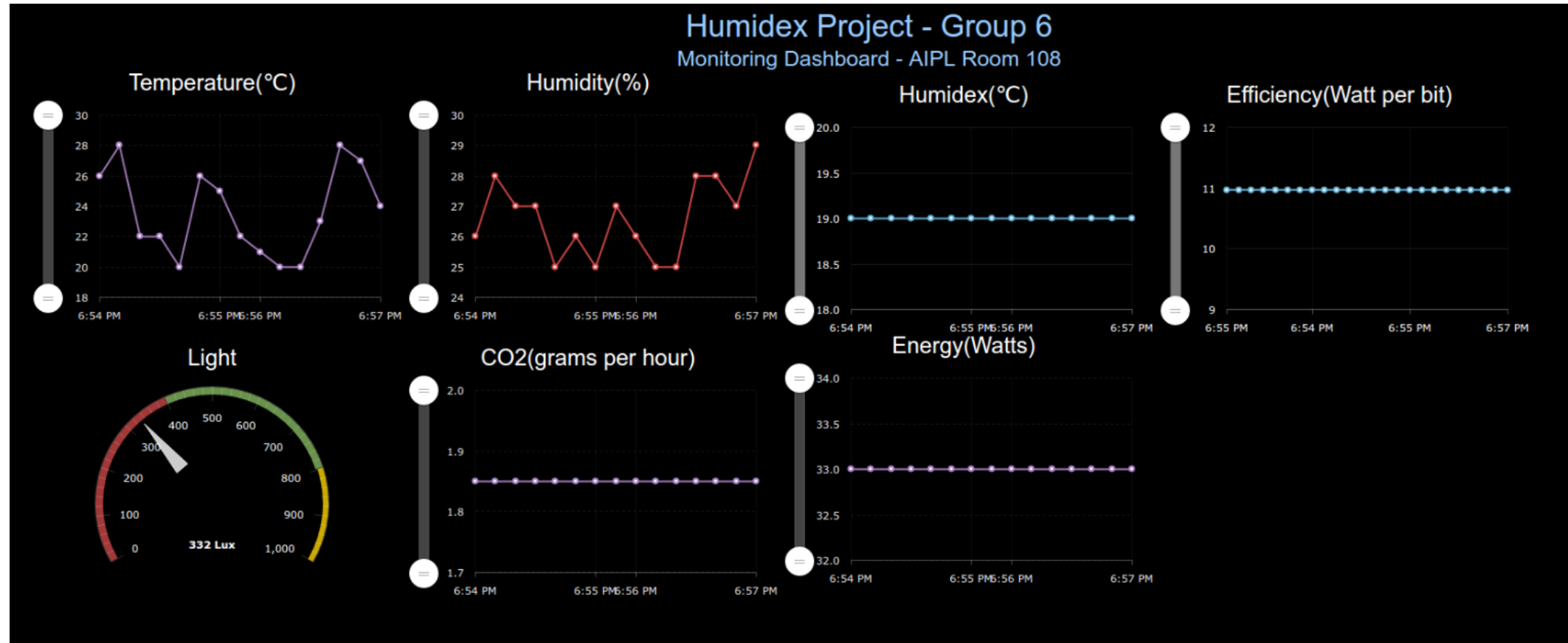
# Implementation(Raspberry Pi)

- Task:
  - Getting Sensor Data from Arduino
  - Sending Sensor Data to Server
- Tools:
  - GoLang
  - UDP

# Implementation(Server)

- Task:
  - Receive Sensor Data from Raspberry Client
  - Get Energy Usage Metric Data From PDU and Switch
  - Get Bandwidth Usage Data From Switch
  - Serve Information to User in Real Time
  - Collect Hourly information
- Tools:
  - GoLang
  - UDP, HTTP, SNMP, Websockets
  - SQLite
  - HTML, Javascript

# Implementation(Server)



# Energy Usage Metrics

