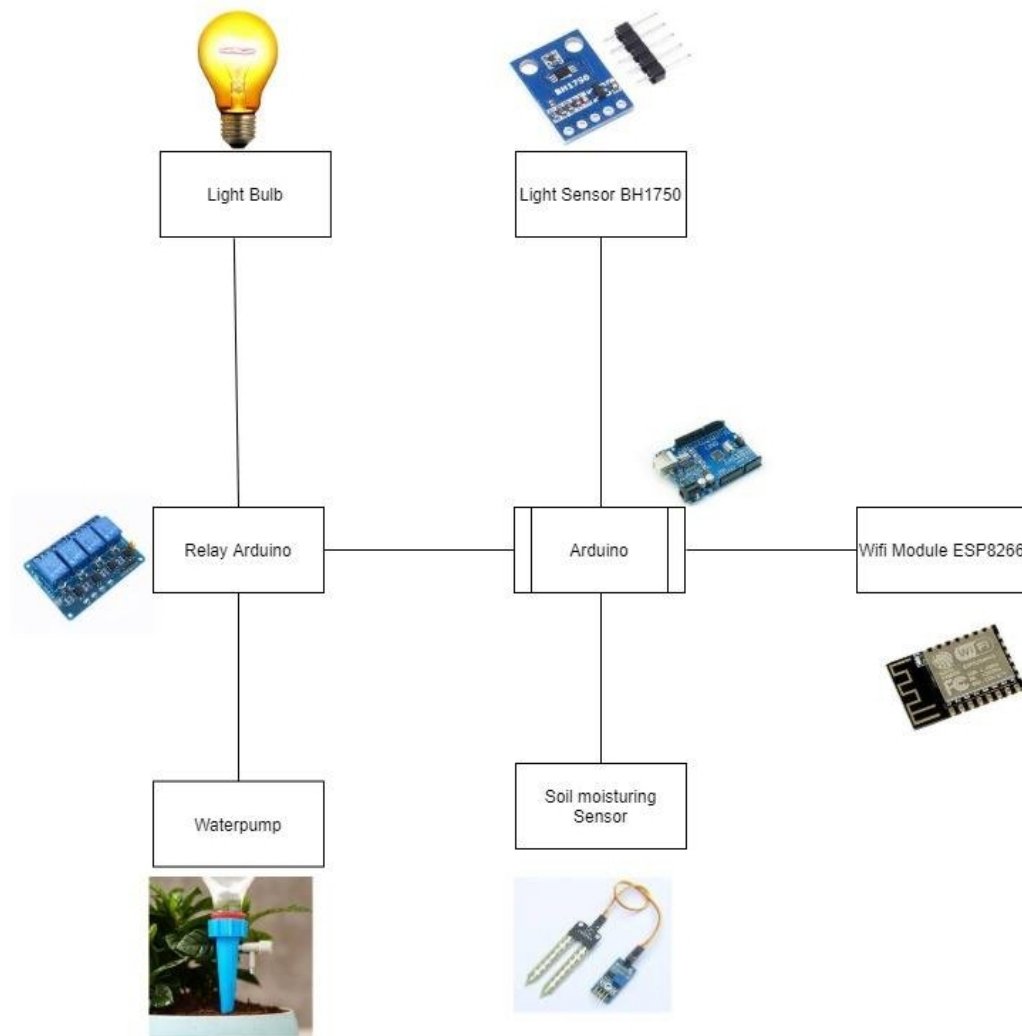# Automatic Watering and Lighting System for Potted Plant
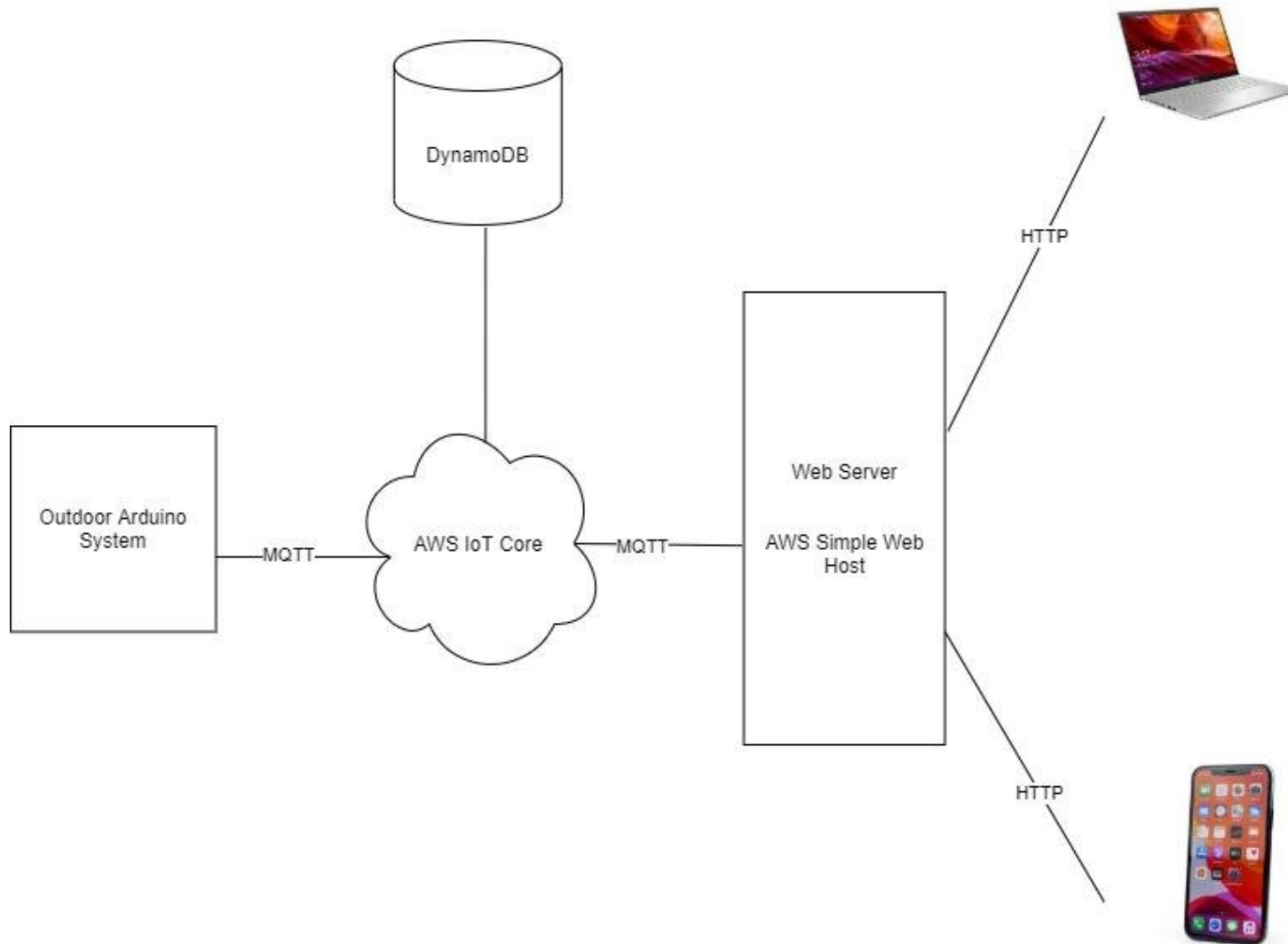
Features

- Automatically maintain optimal water and light condition

- Remotely monitor soil moisture and ambient light level

- Remotely control lightbuilb and pump

- Alexa integration

System design

System design

Latest works

- Connect the Arduino to AWS broker

- Connect DynamoDB with AWS broker to persist system's data

Schuled works

- Web interface for user's interaction with the Arduino

- Integrate Alexa into the system

- Find suitable methods for automatic irrigation and light control

Roadblocks

Finding analysis methods for home potted plants