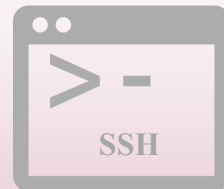
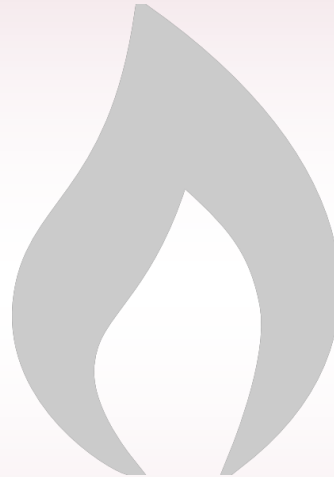
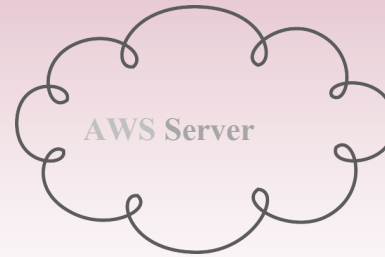
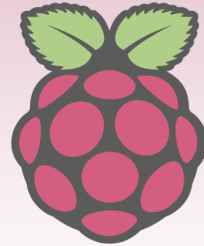


Monitoring Usage In Domestic Heating Oil Tanks

Summary

- Project aims to display a working knowledge of up to date networking protocols
- Project aims to demonstrate a solid understanding of data capture & analysis
- Project aims to provide a User friendly and informative User Interface that can be adopted easily by home-owners.



Hardware Used

- Raspberry PI 3
- DHT 11 Sensor
- HC—SR04 Sensor
- Model Oil Tank

Software Used

- Raspbian/Linux
- Python
- SSH
- Ruby On Rails
- N-GROK
- MySQL

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Computer & Electronic Engineering

Year 5 Project 2016/17