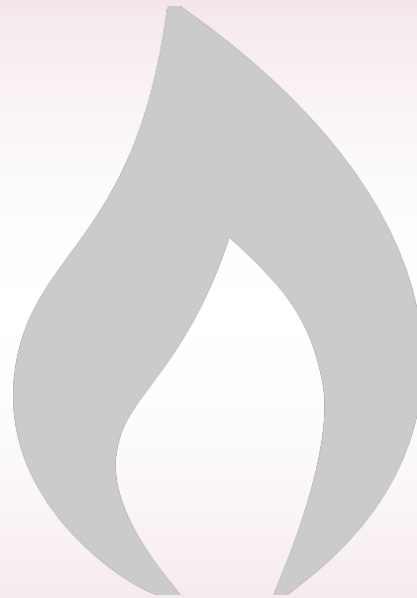# Monitoring Usage In Domestic Heating Oil Tanks

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.

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Computer & Electronic Engineering

Year 5 Project 2016/17

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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