### Requirements

Need to install the following software:

Python version 3.6.3

MYSQL version 5.7

### Python Packages

These are contained in requirements.txt in the root of the source code. I’ve copied the contents here also:

pymysql==0.8.0

django==2.0.2

Install using – “pip install -r requirements.txt”

### MYSQL

Create a new MYSQL database and run the supplied SQL script to setup the tables and test data.

There is also a script located at \database\DemoData.SQL in the source code.

### Website

/Web/Database.py needs to be configured to point to the database.

Change the following details to configure this:

DATABASES = {

'default': {

'NAME': 'weatherdb',

'USER': 'username',

'PASSWORD': 'password',

'HOST': 'localhost',

}

}

/Web/settings.py:

In this file there is another setting that changes whether the website starts in demo mode where add, edit and deletes are disabled, set this this equal to True if you wish to enable this.

DEMO\_MODE = False

### Live Environment

This described how to setup a development environment that runs locally.

It does not cover the configuration of the webserver such as apache where various settings in /Web/Settings.py and /Web/wsgi.py will need to be configured.

For example in settings.py:

DEBUG=False

ALLOWED\_HOSTS = [‘www.example.com’]

Static files will need to be setup to point to \schedule\static\ for hosting images etc.

It will also be necessary to setup password protection on the webserver as the tool has no built in security.