Setup Raspberry Pi as a GCS

What You Need

1. Raspberry Pi 3 Starter Kit - http://core-electronics.com.au/raspberry-pi-3-starter-kit-35277.html
2. Raspberry Pi Screen (optional) - <http://core-electronics.com.au/pitft-assembled-480x320-3-5-tft-touchscreen-for-raspberry-pi.html>
3. Keyboard and Mouse - <http://core-electronics.com.au/wireless-keyboard-with-touchpad-for-raspberry-pi.html>

Setup PI OS

1. Download latest Raspian
2. Extract an image to SD
3. Enable SSH

Setup Access Point

<https://learn.adafruit.com/setting-up-a-raspberry-pi-as-a-wifi-access-point/overview>

Install Apache Web Server

Configure Touch Screen

<https://learn.adafruit.com/adafruit-pitft-3-dot-5-touch-screen-for-raspberry-pi/overview>

Configure Pi to Boot to Webpage

<http://raspberrypi.stackexchange.com/questions/40631/setting-up-a-kiosk-with-chromium>

Install Drone Kit and MAV Proxy

<http://ardupilot.org/dev/docs/raspberry-pi-via-mavlink.html>

Careful you may need to install future - <https://github.com/ArduPilot/pymavlink/issues/25>

May need to rollback a version with pymavlink errors

Upload website with filezilla

Change root directory of apache to home/pi/website