

## WirelessMon

### Abstract

To implement WirelessMon as a software tool which monitors the wireless adapters and find information about wireless access points and nearby hotspots.

The project implements:

- ✓ Tests wifi hardware and device drivers about their functionality
- ✓ locate sources of interference to the network
- ✓ scan hotspots nearby
- ✓ draw signal strength maps
- ✓ gps support
- ✓ check wifi network coverage and range
- ✓ measure network speed and check available data rates