Abstract:

This project forms a configuration mobile application for a personal weather station
• The mobile application will allow users to configure their station’s wifi access using only their phones
• No actions need to be taken on the hardware (no displays, numpad, pins … etc)
• The application can support multiple weather stations at a time
• The application allows the users to switch their stations from using one wireless network to another
The project aims to find a user-friendly manner to configure personal weather stations with minimum effort

Results:

The completed projects features:
• User can successfully connect the weather station to wifi
• Users have the ability to manage multiple weather stations at a time
• The application allow switching between wireless networks