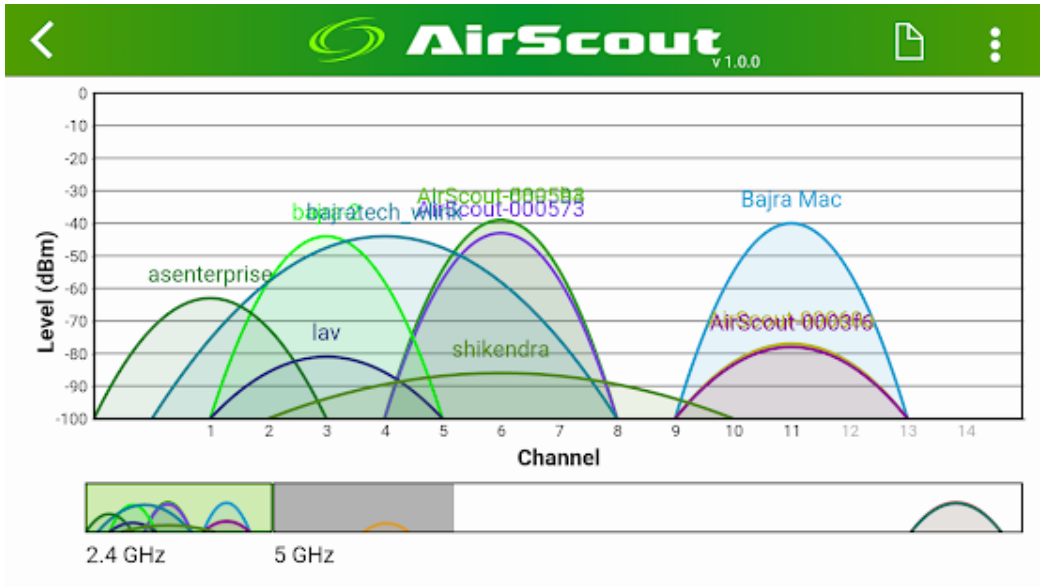


AirScout Live Mobile App Proposal

- The AirScout Live Android application measures Wi-Fi performance using only a phone or tablet. Its purpose is to assist user to determine Wi-Fi performance by identifying and locating all available access points, determine AP signal strength, and identify equipment manufactures.
- Tempo is proposing a team project to improve the AirScout Live application. The project will require competitive analysis, work-flow analysis and identification of new value-added features. The team will create a requirements plan, project plan and then implement the solution.
- If time and resources permit, the project scope may expand to add additional complex features outlined in this presentation.

Competitive Analysis

Performance Tools

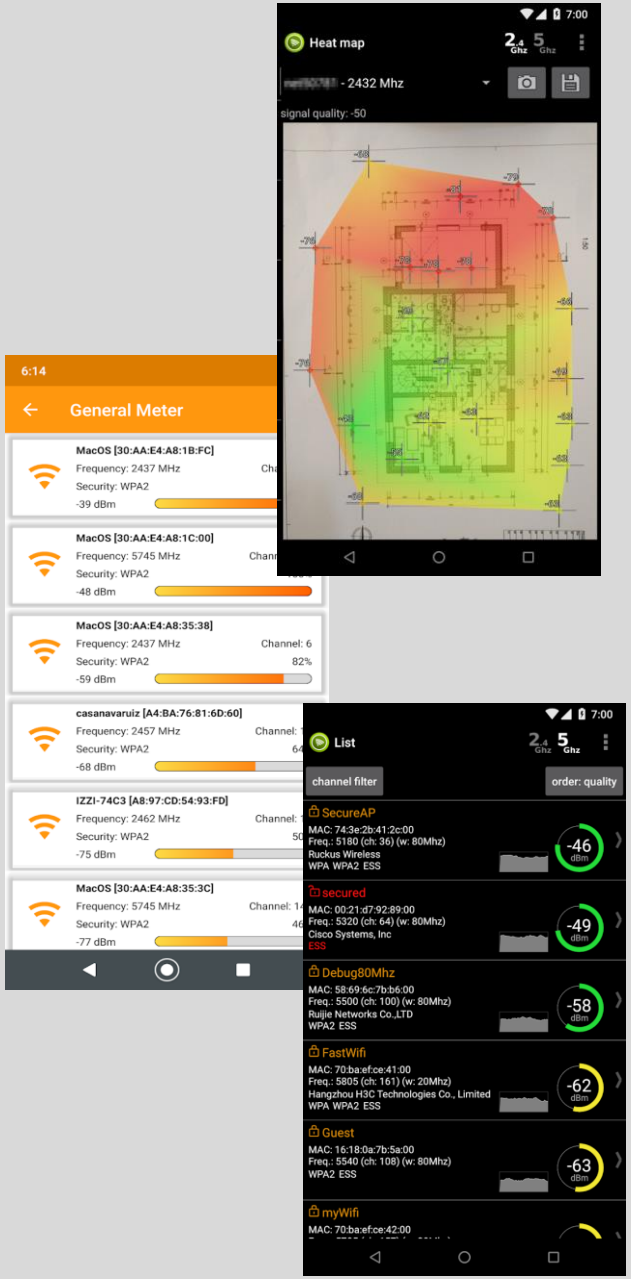
- WiFi Analyzer (multiple sources)
- WiFi Monitor
- WiFi Signal Strength Meter
- WiFi Master – Speed Check and Analyzer
- Others (team to research)

Access Tools

- Who's on my wifi
- FING
- Others (team to research)

New Concepts (Team Objective)

- Identify Problems
- Identify Solutions
- Study Feasibility
- Score the Value Proposition



Workflow / UIX Analysis and Solutions

Ask the “Critical to Success” questions

- What problem am I trying to solve
- How will this tool solve my problems
- How much value does this tool provide
- How do I make the tool intuitive
- Why this tool and not a competitor

These questions should drive the team's approach to analyzing user interaction and workflow and drive the user experience.

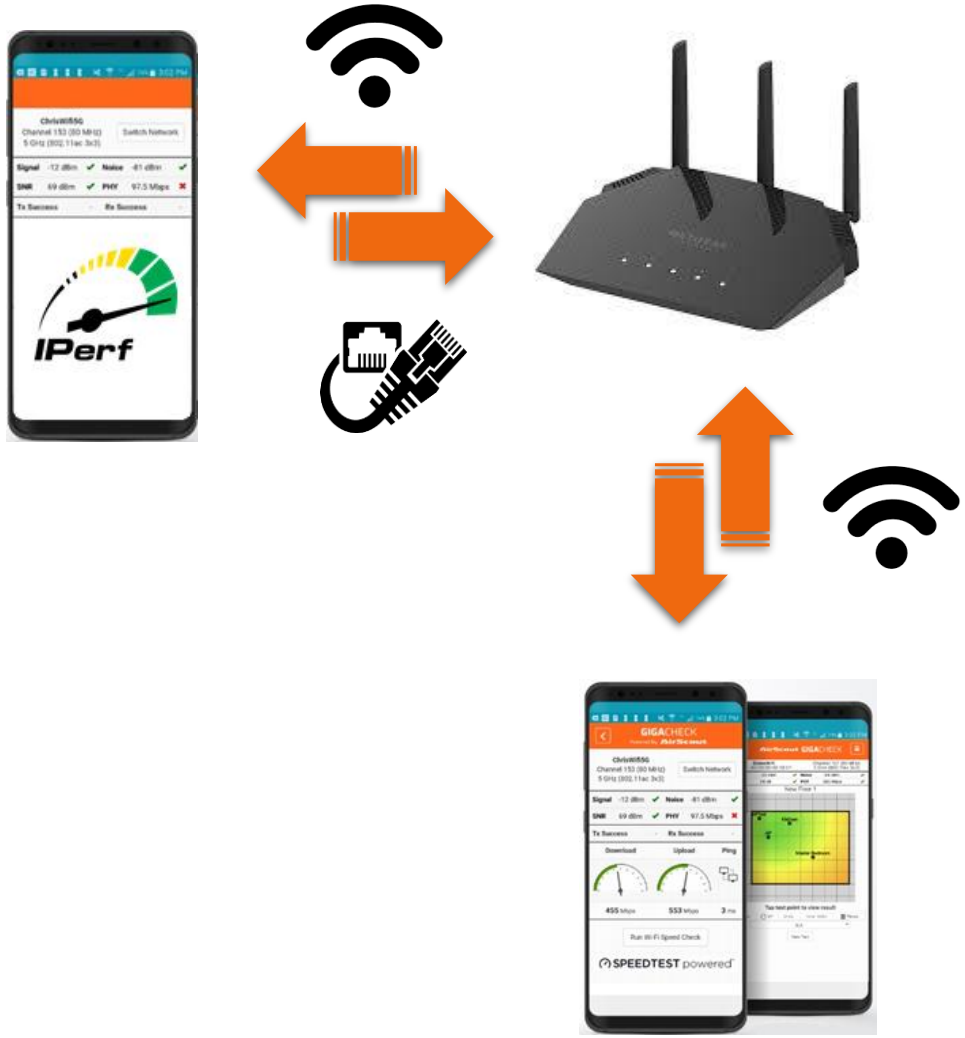
Planning - Features

The AirScout Live UI feature set has not changed in many years and needs to updated.

- Use the competitive analysis to evaluate new features
- Use the CIT problem and solution exercise to identify and evaluate new features
- Brainstorm new features anchored in solving a problem
- Evaluate Tempo proposed new features
  - In app purchases for advanced features
  - In app advertisement
  - End to end speed testing (see GigaCheck and WiFi Master feature)
  - Multi-dimensions heat map (signal strength / speed test)
  - Multi-AP results overlay
  - Best channel prediction

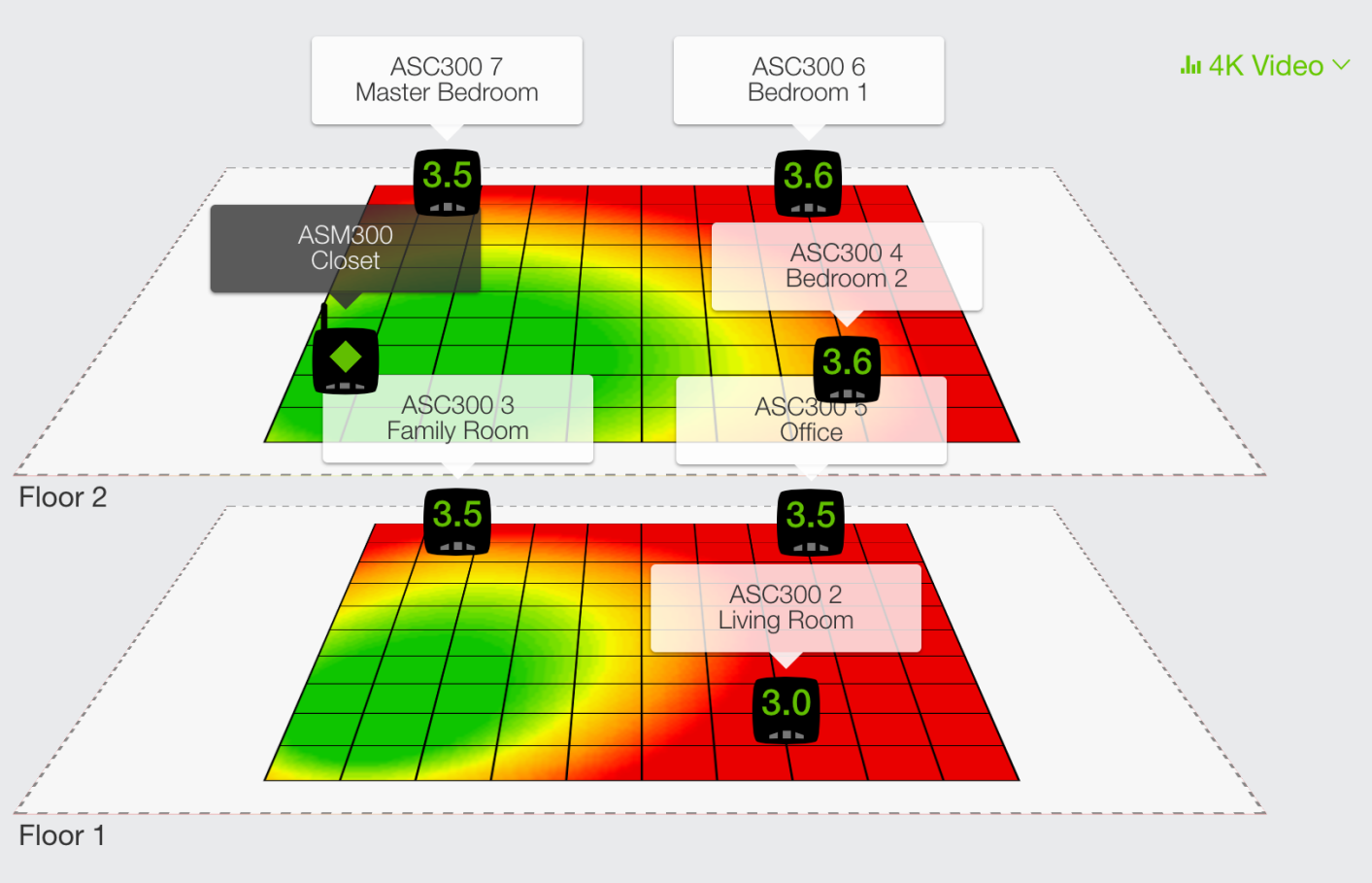
Planning – Advanced Features

- iPerf based Peer to Peer Speed Test
- A peer-to-peer speed test uses two devices running the AirScout Live application with this new feature.
  - Both devices connect to the Wi-Fi access point.
    - Option – connect master via ethernet cable
  - The devices need to discover and create an IP route
  - One device acts as a client, the other as a Master
  - A test can be initiated from either device
  - Results display numerically, graphically or on a heat map
  - Tempo has experience with discovery and IP routing



Planning – Advanced Features

Provide an OpenGL based 3D rendering of ‘Heatmap Shells’ across multiple floors into which the user can rotate, zoom and pan



UI Update

Combine the competitive analysis, workflow study, UIX study and new features into a comprehensive UI plan.

- How can you leverage more modern mobile device solutions that use gestures to make interaction more intuitive
- Are there better methods for using touch to expose UI controls like buttons, text boxes and dropdowns
- Is the UI cluttered and if so, can you reduce by only displaying contextually appropriate controls
- Is the UI intuitive, can anyone pick it up and access all features and information, avoid hiding capability behind complex gestures.

Tempo Product Development Stage Gate Process

Use the Tempo Stage Gate process as a project planning guide. The best engineers plan and validate before committing to code. Tempo can share more SG detail if you are interested.