High-Level Requirements

- The devices must be able to control at least three different physical sound sources.
- Latency variation must be kept to a minimum. Latency itself is not a concern, but latency must not vary by more than 30 milliseconds.
- Devices must function with at least six feet of distance between devices for simulating real-world environments and circumstances.

R&V Summary

Module Name	Requirements	Points
Relay Module	● This module should successfully make a sound from various devices that are connected to wall power using the python module.	15
Servo Module	● This module should successfully rotate the motor from 0 degree to 180 degree and comeback to 0 degree continuously using the python module.	15
Ringing Module	● This module should successfully ring the bell using the python module using battery power.	5
Jitter Buffer	● Network jitter minimizes latency variation to within 30 ms with variable latency.	10
Display Module	● Display IP and Port for connecting devices ● Display battery status using backlight ● Display most recent command	5
	Total	50