



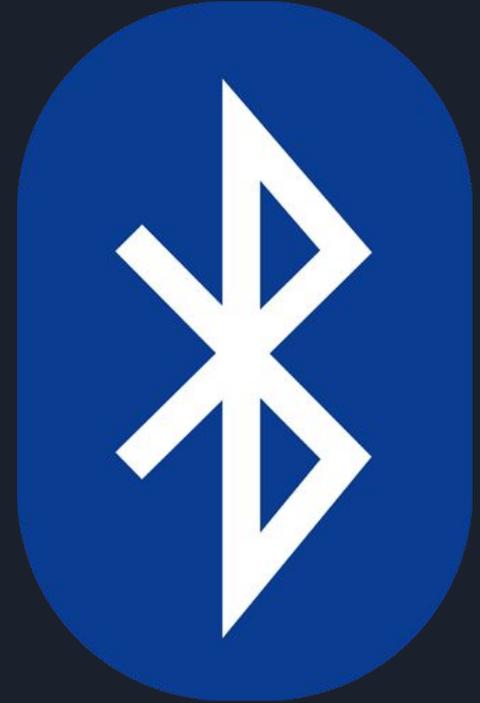
Bluetooth Wifi Speaker Hub

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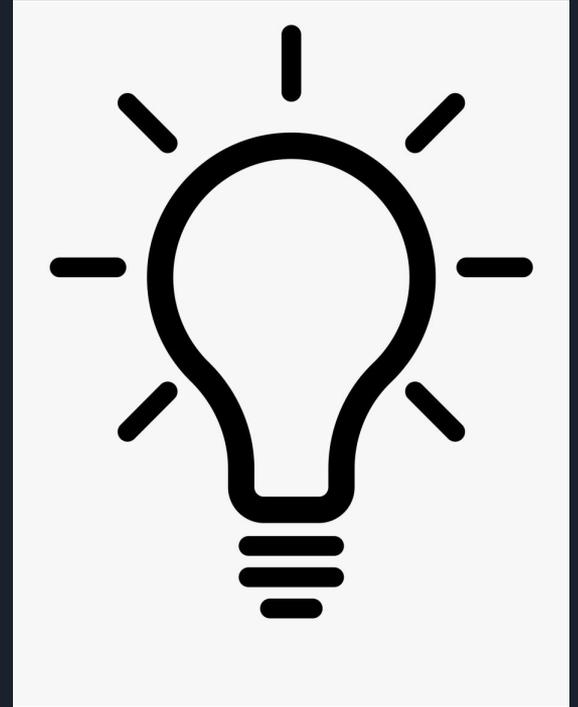
Problem Description

- The problem that this project aims to solve is simple: portable speakers lack the ability to truly fill larger spaces with high quality audio



Proposed Solution

- Design a speaker configuration that provides high quality sound on the go for its users
- Speaker design will be composed of smaller speaker units that will be flexible in their orientation
- Utilize rechargeable batteries and bluetooth enabled chips for each speaker that will have onboard memory





Demonstrated Features

- Portability
- Surround Sound Capability
- High Quality Sound
- Bluetooth Dual Topology
- Connection Stability and Time Synchronization

Available Technologies

- Driver
- Subwoofer
- Amplifier circuit
- Rechargeable lithium ion batteries
- 3D printing
- ESP32
- Bluetooth (dual-topology)

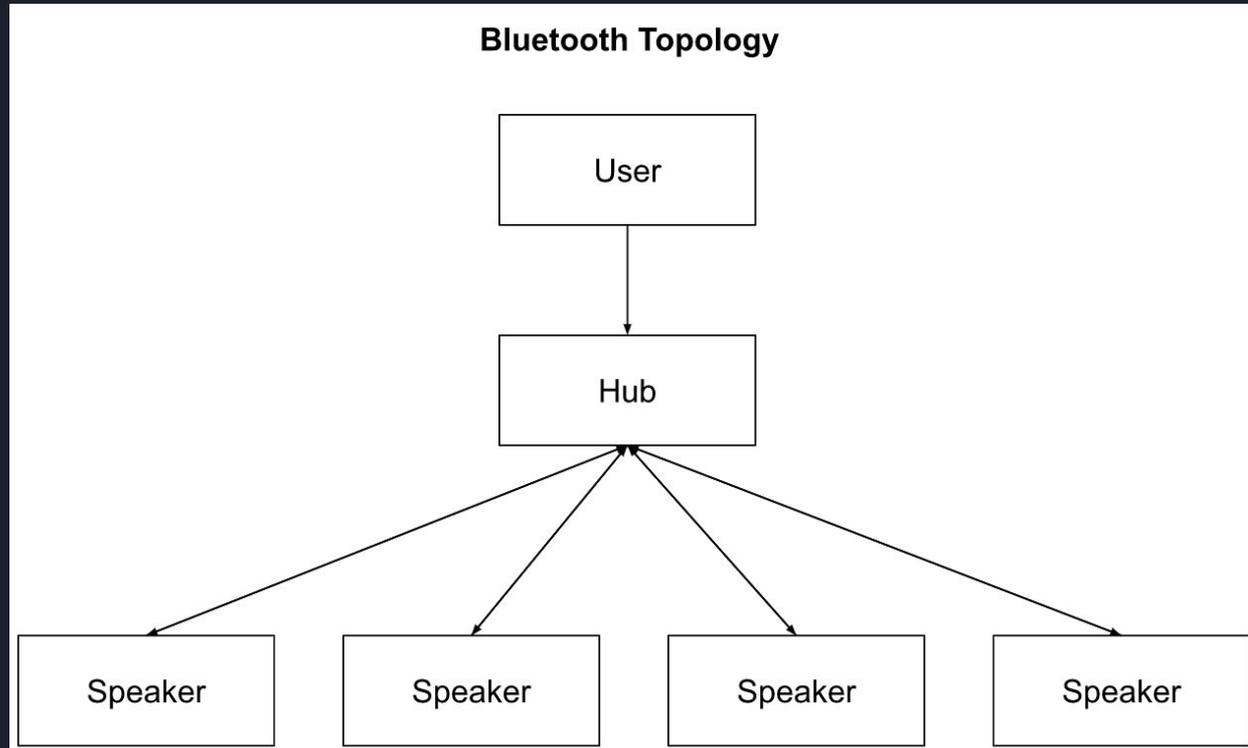




Engineering Content

- Power and charging
- Audio systems
- Wireless communication
- 3D printing to fit components

Engineering Content



Questions?

