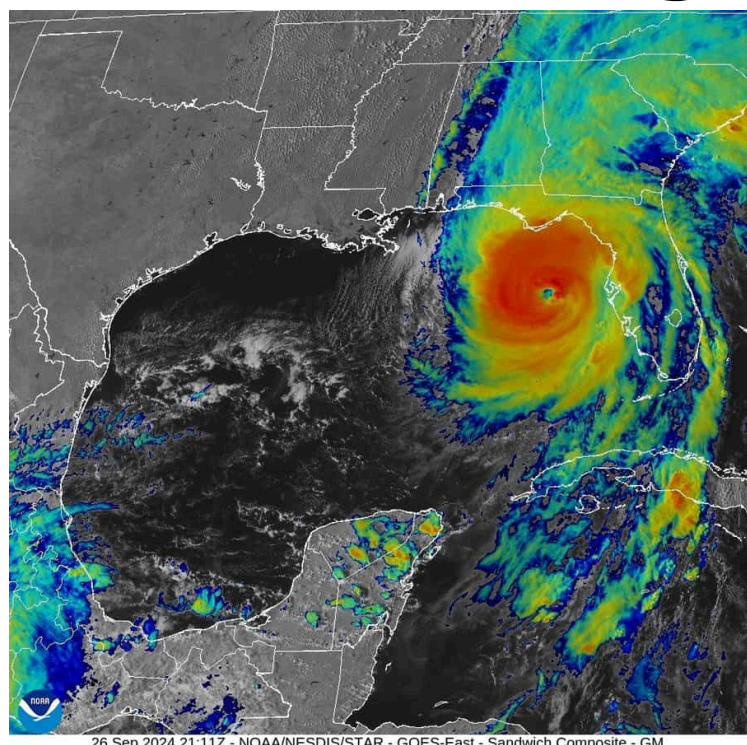




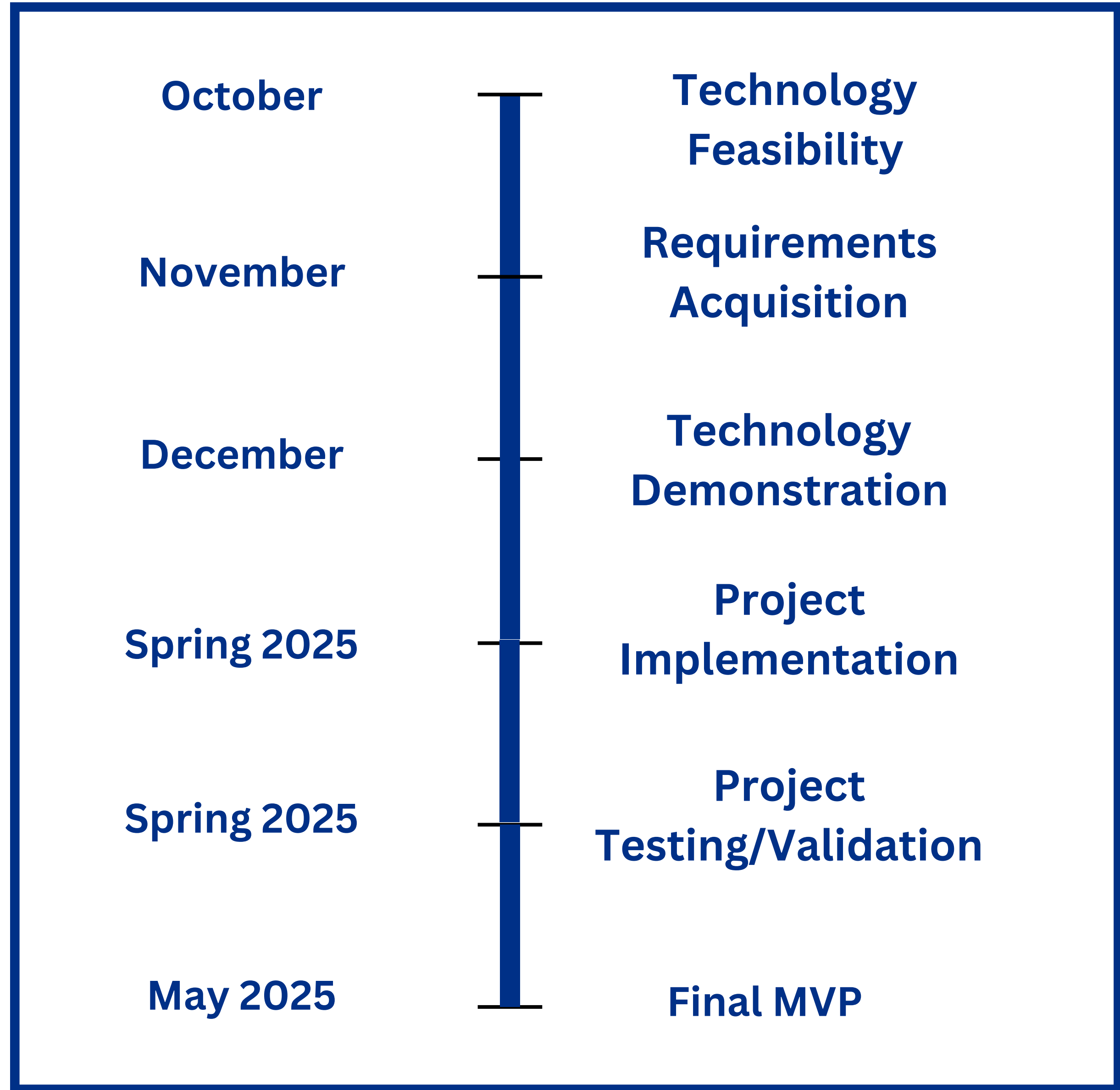
Motivation

Recent severe weather events have underscored the need for rapid and reliable response systems in Search and Rescue (SAR) operations. Our product will enhance SAR communication and efficiency through:

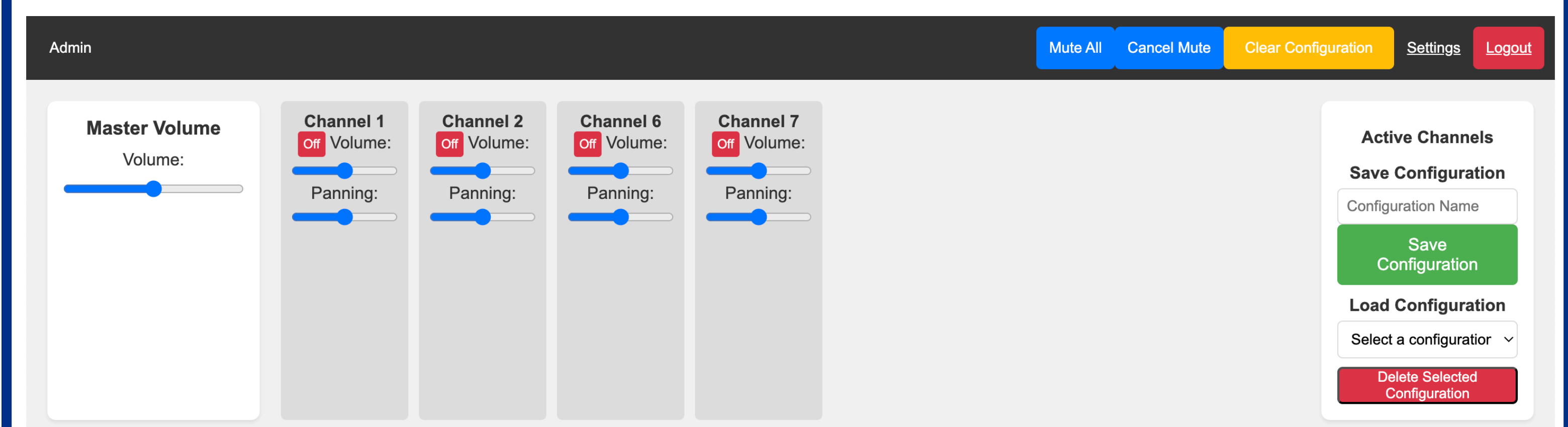
- Use of a web-based audio platform
- Advanced real-time audio processing
- Improved clarity
- Enhanced reliability
- Powerful interface tools
- Customization options



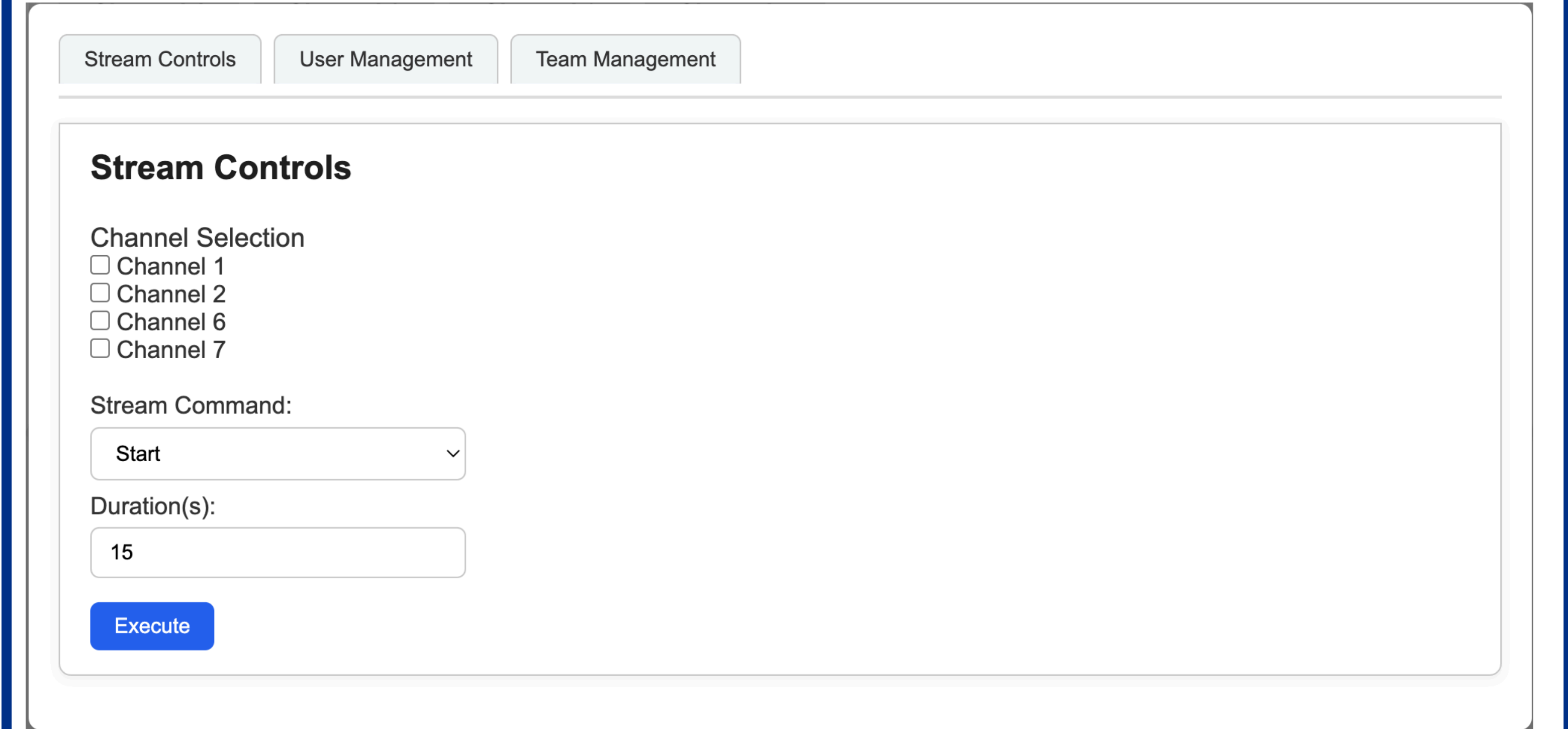
Current Status



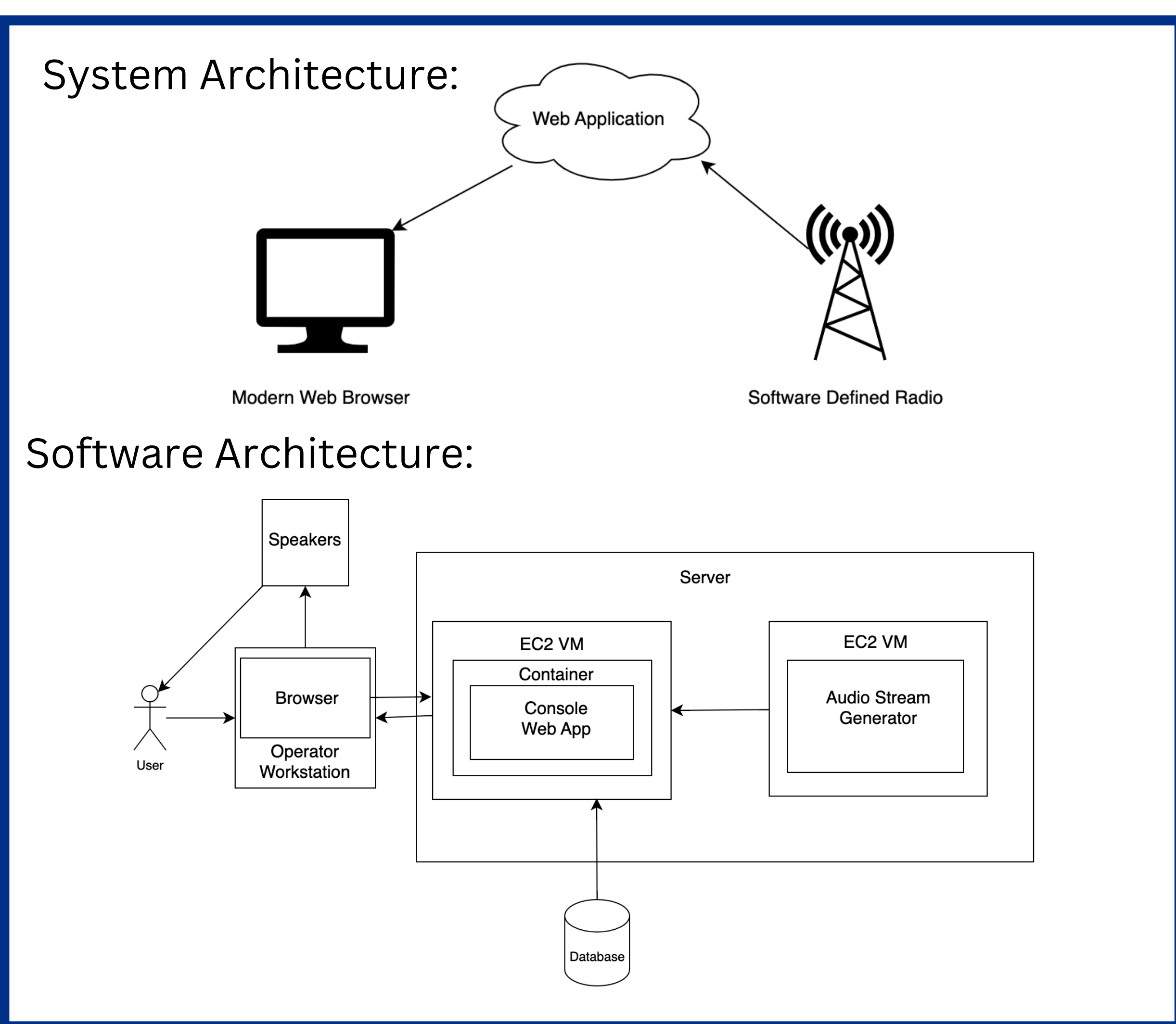
Key Features



- Multicast support on AWS EC2
- Virtual, spatial separation of audio streams
- Wide access provided through browsers
- User role management
- Admin account creation
- Save and load configurations
- Team creation and management
- Zero Trust Security methodology
- Passwordless authentication



System Architecture



Technologies

