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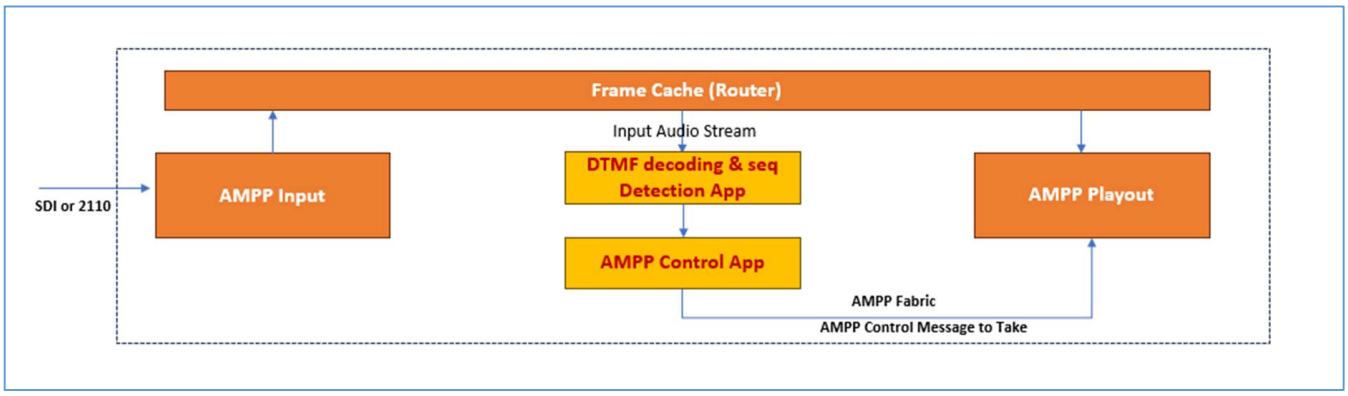
DTMF Cue Tone Detection and Take Next" Implementation

Saurabhi Media developed and implemented a solution for detecting DTMF (Dual-Tone Multi-Frequency) cue tones to automate certain actions in a broadcast environment, specifically within the AMPP (Agile Media Processing Platform). This implementation was part of a Proof of Concept (POC) with the GV Australia team, focusing on enhancing live broadcast control through real-time audio cue detection.



Key Features:

1. **Real-Time DTMF Detection**:
   - A custom application was designed to listen to specific audio channels in real-time, detecting DTMF sequences. This detection is crucial for triggering automated actions during live broadcasts.
2. **Automated Clip List Actions**:
   - Upon detecting a matching DTMF sequence, the system automatically triggers predefined actions within the AMPP environment, such as "Take Next" or "Take Live." These actions are essential for seamless transitions between clips in live broadcasting.

3. **Integration with AMPP Control**:
    - The DTMF detection application interfaces with the AMPP Control system, ensuring that the detected cue tones immediately trigger the correct broadcast actions, reducing manual intervention and potential errors during live events.

This implementation by **Saurabhi Media** significantly enhances the efficiency and reliability of live broadcast operations, enabling broadcasters to automate critical transitions based on real-time audio cues. This capability is particularly valuable in fast-paced environments where timing and precision are essential.