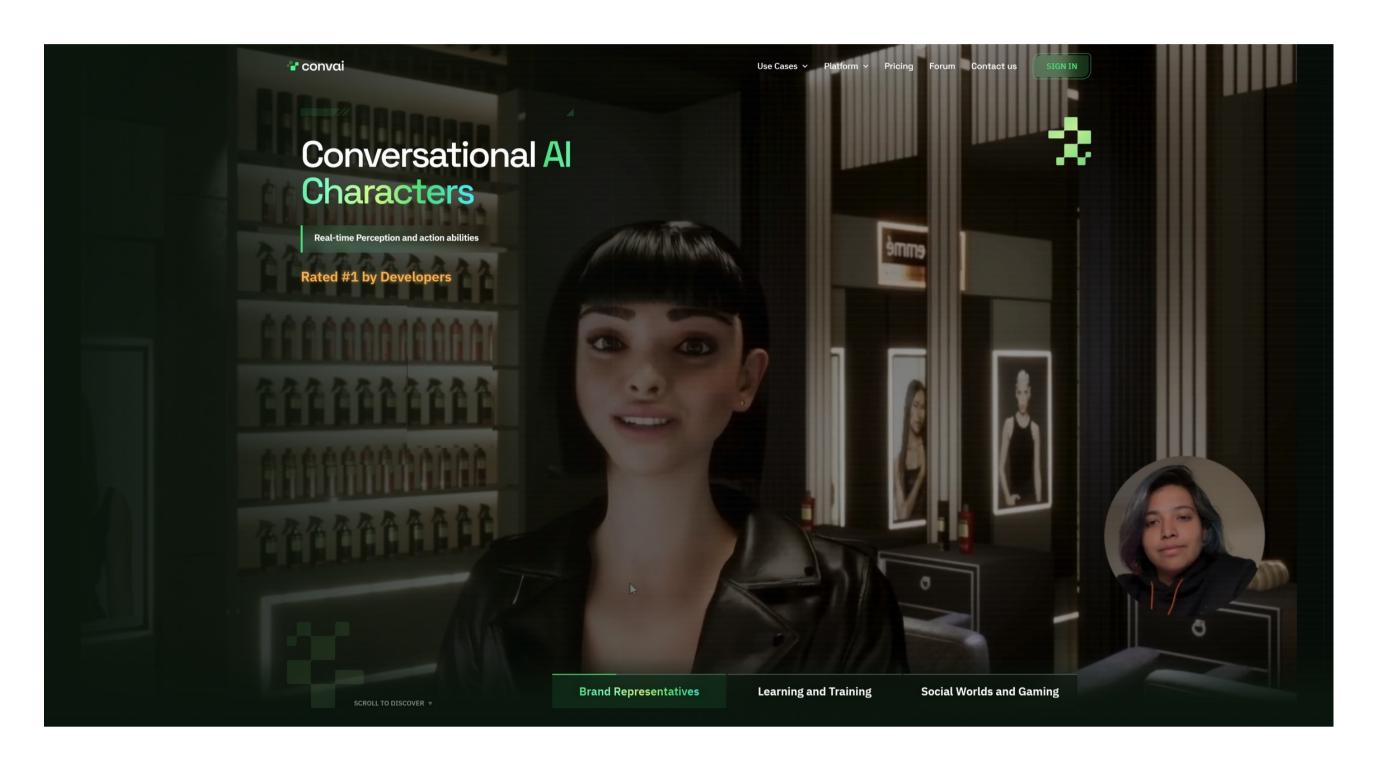
Towards Human-Avatar Communication

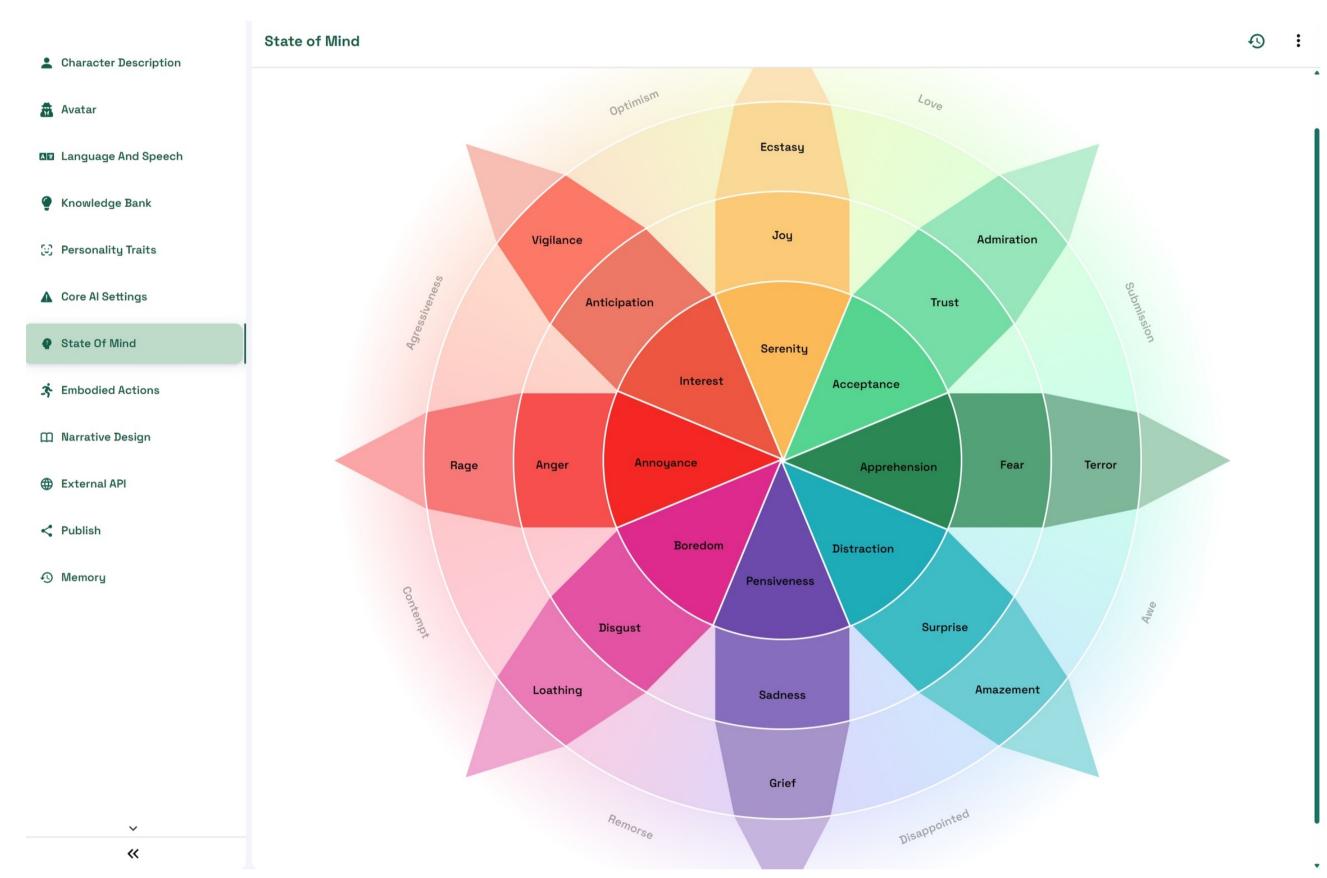
Training Hearing Impaired via Emotionally Adaptive Voice Synthesis

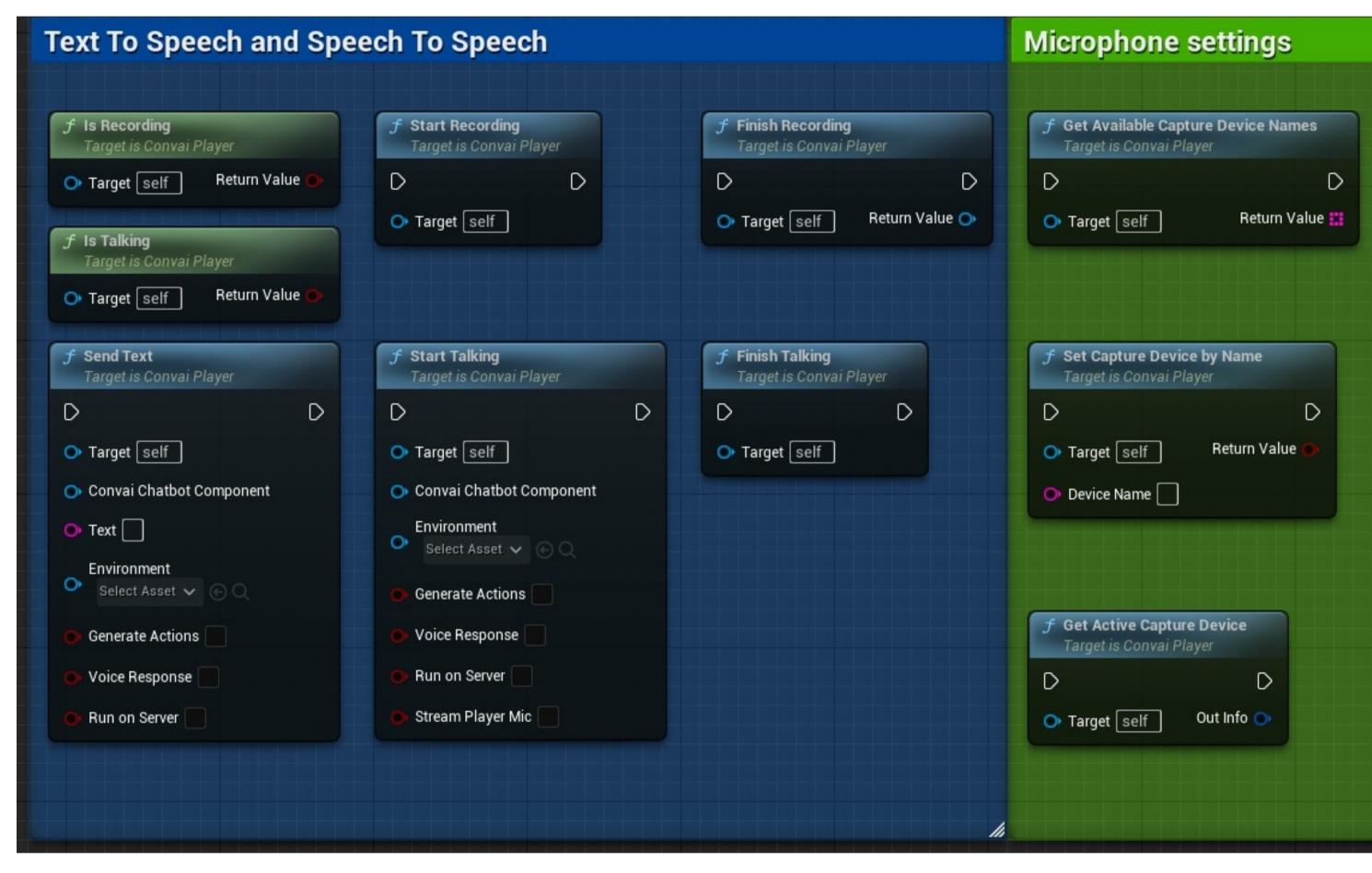
Background: LLM-driven avatars are increasingly employed in VR for training. How about Hearing-impaired? **Bottleneck**: Text-to-speech (TTS): high latency, limited expressiveness, and lack of distinct speaker identities.

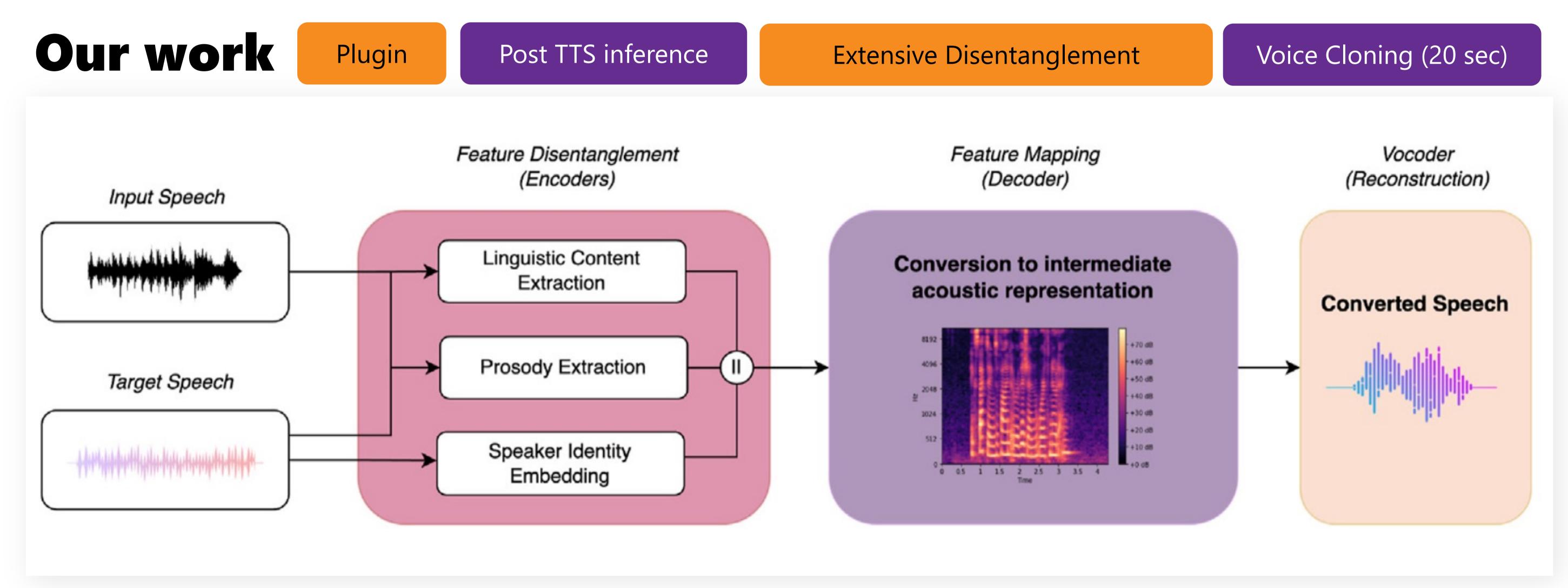
Can our real-time voice conversion plug-in independently control emotional sentiment and vocal timbre?











Aim: Test the recognition of emotional states and speaker variations in VR.



