

Faculty Project Information

Generative Music as a Medium for Reflective Journaling	
Faculty Name:	Prof Lianyun Pang, Ph.D.
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Research Field:	Chinese language pedagogy and intercultural communication (with experience in teaching Business Chinese and Intercultural Communication, and research focus on second language pragmatics and experiential learning)
Brief Description	
<p>This project explores generative music as an alternative form of journaling, where personal reflections, moods, or daily experiences are translated into evolving musical compositions. Instead of (or in addition to) writing text, users "journal" by shaping musical parameters—such as tempo, harmony, texture, or instrumentation—through prompts, interactions, or data traces. The goal is to investigate how generative music can support reflection, emotional expression, and self-awareness, and how it compares to traditional text-based journaling. Explore non-textual journaling through sound and music Investigate how generative systems can encode emotion, memory, or experience Examine the role of interaction and control in reflective practices Reflect on user experience, expressiveness, and meaning-making.</p>	
Expected Outcome(s)	
<ul style="list-style-type: none">• A web-based or desktop application using generative music• A system that maps user input (text, sliders, mood tags, physiological data, time of day, etc.) to musical structures• The ability to create and replay multiple "journal entries"	
Requirements for Student Applicants	
Web programming and Python programming; Optional use of generative AI	