

Project Background

Synaesthesia is a rare perceptual condition in which the stimulation of one sensory or cognitive pathway leads to an automatic, involuntary experience in a second sensory or cognitive pathway. While rare, synaesthesia occurs more frequently in populations of artists, musicians, and people involved in the creative industries. This project aims to model the phenomenological aspects of sound-to-color forms of synaesthesia. Specifically, the client is interested in the translation of sound to color/shapes, as studying this form of synaesthesia can help gain insight into the unconscious reality of the brain.

By developing this tool, the project team hopes to provide additional insight into the unconscious reality of the brain which will complement the client's research on the topic, and to provide an easily accessible method for people to express their synaesthesia.

- **Problem Domain**
- **Scope of Solution**