

PROJECT DETAILS FOR FINAL SUBMISSION

Project Title: Athletic Resonance

Student's Full Name:

Kawinna Srisuk

Instructor's Full Name:

Juan Cuevas

Course:

Architectural Design 4

Studio Brief Title:

Soundscape

Short Project Description (100 words max.):

An interactive pavilion exploring the sounds generated by physical activity and sports. It transforms movements like running, jumping, or striking into dynamic soundscapes through motion-sensitive surfaces and materials. Participants actively create and manipulate sounds, revealing the rhythm, force, and playfulness of human motion. The pavilion combines architecture, technology, and sport to highlight the musicality of everyday movement and the interplay between humans and their environment. It invites visitors to explore how sound connects body, space, and material, turning physical activity into a collaborative and immersive sensory experience.

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Full Project Narrative/Text Description (300 words max.):

an exploration of the relationship between sound, movement, and the environment, brought to life in an interactive pavilion. Designed to transform physical activity into an immersive auditory experience, the project reimagines sports and exercise as tools for artistic expression. Each movement—whether a jump,

step, or stretch—generates unique sounds that are layered into evolving soundscapes, allowing participants to actively create and shape their environment.

More than just a playful installation, explores how physical activity shapes our interaction with urban and natural spaces. It challenges visitors to think about the relationship between their bodies, the built environment, and the acoustic world, highlighting the rhythms and textures of daily motion that often go unnoticed.

Set within the open, communal environment of a park, the pavilion becomes a site for discovery, collaboration, and well-being. It fosters inclusivity by encouraging spontaneous participation, bringing people of all ages and abilities together to create a shared sensory experience. Whether used for individual exploration, group activities, or performances, serves as a living, breathing artwork—an ever-changing canvas where movement meets music, and sport meets art.

Athletic Resonance encourages audiences to think beyond gameplay about how movement and sound shape our interactions with urban and natural environments. It encourages participation and well-being by creating accessible and engaging spaces for movement, creativity and exploration.

Whether used for interactive, performance or social events, invites participants to rethink action physical theatre performance by offering a unique combination of movement, art and sound design.