

This project is inspired by a case study of Villa Mairea, designed by Alvar Aalto. The concept of Villa Mairea emphasizes the seamless integration of modernist design with nature, tradition, and human-centered living. Aalto's approach blended organic and functional elements, creating a harmonious relationship between the building, its natural surroundings, and the lifestyle of its occupants.

Drawing from this, I selected domestic activities that align with the serene and tranquil environment of Villa Mairea: meditation, yoga, and reading. These activities share a common need for calm and focus, reflecting the villa's emphasis on creating spaces that nurture well-being. To support these activities, I aimed to design a facade that enhances the environment by creating patterned shadows that inspire mindfulness and relaxation.

In Villa Mairea, Alvar Aalto used rattan to wrap columns, adding warmth, texture, and a connection to natural materials. Inspired by this, I chose rattan as the primary material for the facade to maintain a sense of association with the building's organic design. Rattan's natural qualities also contribute to a harmonious integration with the environment, aligning with Aalto's philosophy.

The design process began with tracing the movements of meditation, yoga, and reading to create unique lines that symbolize these activities. These lines were then developed into a facade design that incorporates transparency and shadow patterns. The resulting patterns cast soft, dynamic shadows that encourage focus, foster a serene atmosphere, and support the intended programs.

By combining the organic qualities of rattan with patterns derived from movement, the facade not only aligns with the Villa Mairea concept but also creates a space that enhances the experience of meditation, yoga, and reading, offering a peaceful and reflective environment.