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e - Proceedings



Proceeding for International Undergraduates Get Together 2024 (IUGeT 2024)
"Undergraduates' Digital Engagement Towards Global Ingenuity"

1st Edition



Organiser :

Department of Built Environment Studies and Technology, College of Built Environment, UiTM Perak Branch

Co-organiser :

INSPIRED 2024. Office of Research, Industrial Linkages, Community & Alumni (PJIMA), UiTM Perak Branch

Bauchemic (Malaysia) Sdn Bhd

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The Hala Kahiki

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ABSTRACT

In educational institutions, public areas are vital for promoting students' health, creativity, and academic achievement. This abstract provides a framework for designing dynamic public spaces that prioritize students and accurately cater to their needs and preferences. Comprehending the heterogeneous requirements and inclinations of learners is fundamental to efficiently designing public areas. It is important to carefully consider factors like age, cultural background, and academic interests when designing spaces that connect students and strengthen their sense of community and belonging. It is possible to create public areas that promote relaxation, teamwork, and social contact by applying the principles of human-centred design. Interactive installations, dedicated zones for group study or leisure activities, and flexible seating arrangements can accommodate diverse types of involvement and a range of preferences.

KEYWORDS: Public areas, students, teamwork, relaxation, creativity

DESIGN DESCRIPTION

A pavilion with a pineapple design is a visually captivating, pleasant, and culturally rich architectural space because it combines biophilic connection, aesthetic appeal, cultural resonance, and symbolism. Triangle windows can give the pavilion's design more individuality and visual appeal. Their geometric shape can produce an eye-catching architectural element that raises the pavilion's overall visual attractiveness. The placement of triangle windows maximizes natural light and provides visually striking views of the surroundings. It makes a pavilion feel warm and lively by highlighting certain views or letting natural light flow through the structure's interior. Aside from that, the wavy seating inspired by pineapple leaves sets the pavilion apart as a distinctive and memorable design. It adds a unique focal point and conversation piece to the space, sparking curiosity and engagement among visitors. The unconventional seating design contributes to the pavilion's identity and reinforces its visual appeal. The pavilion provides rock climbing, which is known to reduce stress levels and improve mental health by promoting focus, concentration, and mindfulness. It helps students manage academic pressures and enhance their overall well-being. This pavilion design primarily utilizes timber, a renewable and sustainable resource from responsibly managed forests. Using timber in pavilion construction helps reduce the project's environmental impact.

NOVELTY AND UNIQUENESS

The Hala Kahiki stands out for its unique design, showcasing innovative ideas that blend the influence of nature with architecture. For instance, the design of the seating area and the pineapple-shaped pavilion draws inspiration from the shape of pineapples. Furthermore, the pavilion's seamless integration of sustainable materials and innovative technology results in a

visually appealing and pleasing modern design that captivates visitors with its modern appearance and eco-friendly features.

PROJECT PROGRESS

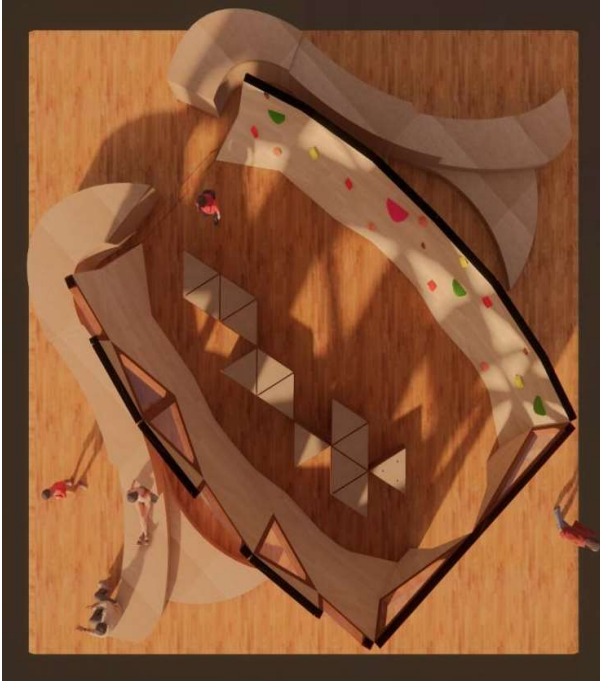


Figure 1: Layout plan of The Hala Kahiri

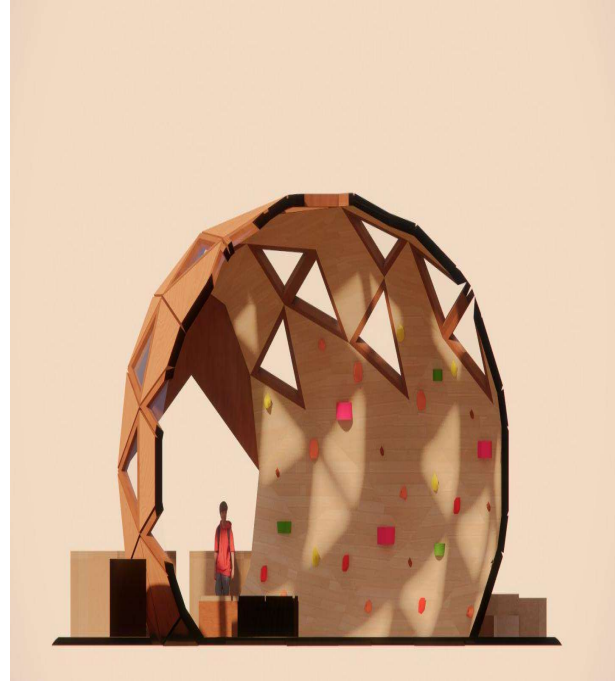


Figure 2: The front view of The Hala Kahiri



Figure 3: The back view of The Hala Kahiri

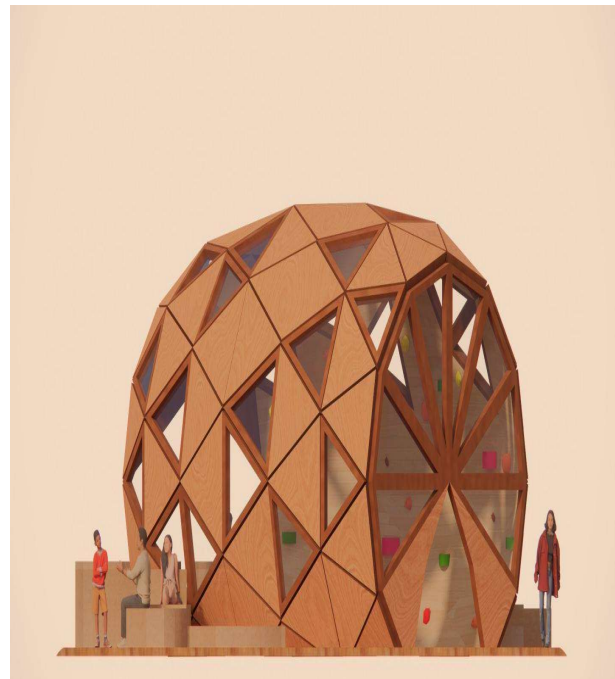


Figure 4: The side view of The Hala Kahiri

BENEFITS TO MANKIND

Contemporary pavilions can showcase renewable energy sources and eco-friendly design concepts through the use of sustainable building techniques and materials. Pavilions promote environmental sustainability and emphasize the value of conservation and effective resource utilization. Additionally, it offers areas where students may work together, exchange ideas, and benefit from one another. This encourages teamwork and group learning, which can result in the creation of new ideas and answers to global issues.

COMMERCIAL POTENTIAL

Market Demand:

Given the pavilion's proximity to the campus, the availability of existing student facilities could influence its demand. Furthermore, this pavilion provides unique features and services that are not found elsewhere on campus, such as rock climbing, which could attract students to visit.

Competitive Advantage:

A visually striking and functional design that differentiates this pavilion from other facilities on campus. Incorporating sustainable practices, cutting-edge technology, and flexible spaces that adapt to various uses enhances its appeal to students and visitors.

CONCLUSION

In summary, our design project achieved its goals by delivering a creative and practical solution that meets the needs and preferences of our target audience. To benefit our chosen target demographics, our design provides a tasteful combination of aesthetics and functionality. Hopefully, The Hala Kahiki could help students find some relaxation while enjoying the beautiful nature.

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I express my sincere thanks to Mr. Abdul Hamid bin Mohamed, the lecturer of the Department of Interior Architecture, and my teammates for their invaluable contributions towards the successful completion of this project, The Hala Kahiki.

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SITI BASRIYAH SHAIK BAHARUDIN
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