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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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Universitas Tridianti (UNANTI)

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Gridscape Retreat

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ABSTRACT

The “Gridscape Retreat” abstract offers a comprehensive overview of a dedicated student space designed to facilitate relaxation and leisure activities amidst the demanding academic environment. Centered around the thematic concept of the grid, providing a visually stimulating and intellectually engaging ambiance where students can unwind and recharge during their free time. Fostering a sense of community and creativity through its innovative design elements inspired by grid structures, offering various amenities such as cozy seating arrangements, a harmonious balance between water and land, and thematic reading materials all strategically arranged to encourage exploration and contemplation. Ultimately aiming to provide a sanctuary within the bustling campus landscape where students can find solace and inspiration while contemplating the intricacies and interconnectedness of the grid in both physical and metaphorical dimensions. In essence, the Gridscape Retreat reimagines the traditional notion of student leisure spaces, offering a dynamic yet harmonious environment that nurtures holistic well-being and fosters a vibrant sense of community among students.

KEYWORDS: Grid, chill zone, student lounge, retreat

DESIGN DESCRIPTION

The Gridscape Retreat represents a paradigm shift in student leisure spaces, ingeniously blending contemporary design with natural elements to create an oasis of tranquility and rejuvenation on campus. Its overarching purpose is to provide students with a serene escape from the rigors of academic life while fostering social interaction, relaxation and well-being. Key features of the retreat include its sleek architectural design, characterized by expansive glass roof and open spaces that seamlessly merge with the surrounding environment, offering panoramic views and ample natural light. The centerpiece of the retreat is a picturesque pond, complemented by lush greenery and subtle water features, enhancing the overall ambiance of tranquility. Functionality and performance are optimized through the thoughtful layout of interior spaces, which cater to a variety of activities and preferences. Suspended swings add a playful touch, encouraging visitors to unwind and embrace moments of carefree leisure. The user interface is intuitive and inviting, with clear signage and pathways guiding visitors through the retreat. The fusion timber aspects of the design lend warmth and natural beauty to the space, creating a harmonious blend of modern aesthetics and organic elements. The target audience for the Gridscape Retreat encompasses students seeking respite from their academic responsibilities, as well as faculty and staff looking for a peaceful retreat on campus. Applications and use cases range from casual gatherings and study sessions to quiet reflection and meditation. Benefits and advantages of the retreat include its ability to promote relaxation, social interaction and mental well-being, ultimately enhancing the overall student experience. Technical specifications include sustainable design features such as energy-efficient lighting and recycled materials, ensuring

minimal environmental impact. In summary, the Gridscape Retreat offers a transformative space where students can recharge and reconnect with nature, fostering a sense of balance and harmony during their academic journey.



Figure 1: Measurement, intangibles and key attributes

NOVELTY AND UNIQUENESS

The Gridscape Retreat introduces a novel approach to student leisure spaces by seamlessly blending modern architectural aesthetics with the restorative power of nature. Unlike traditional designs, it prioritizes the integration of natural elements, such as a picturesque pond and lush greenery, to create a serene sanctuary within the campus. Additionally, the retreat incorporates innovative technologies, such as solar lighting and sustainable design principles, to enhance the student experience and minimize environmental impact, setting it apart as a pioneering solution in student well-being and community-building initiatives.

BENEFITS TO MANKIND

The Gridscape Retreat offers numerous benefits across various dimensions. By providing students with a tranquil oasis for relaxation and socialization, it addresses critical issues related to stress and mental well-being, ultimately enhancing the overall quality of campus life. Its sustainable design features contribute to environmental conservation, promoting eco-conscious practices and reducing carbon footprint. Additionally, the retreat fosters community engagement and cultural exchange, enriching the social fabric of the campus and promoting global and local relevance. Through its innovative approach, the retreat advances knowledge and education by providing students with experiential learning opportunities and fostering a deeper appreciation for sustainable design and holistic well-being.

COMMERCIAL POTENTIAL

When developing the Gridscape Retreat, it's crucial to assess market demand and size, ensuring alignment with student needs and preferences. Establishing a competitive advantage through unique features and experiences will differentiate the retreat from alternatives. Crafting a sustainable business model that accounts for scalability, cost analysis, and profit margins is essential for long-term viability. Simplifying operations and maximizing efficiencies will help optimize costs while maintaining attractive profit margins, ensuring the retreat's financial success and sustainability.

CONCLUSION

Key findings underscore the transformative impact of the Gridscape Retreat in enhancing student well-being, fostering social interaction, and promoting sustainability on campus. The design's innovative blend of modern architecture and natural elements has proven instrumental in creating a harmonious environment conducive to relaxation and community-building. Moving forward, there is potential to further integrate technology for interactive educational experiences and to explore additional sustainable features for minimizing environmental impact. By continually evolving and adapting to the needs of the campus community, the Gridscape Retreat can serve as a beacon of inspiration and a model for future student-centered design initiatives, reinforcing its significance as a catalyst for positive change in the university landscape.

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We would like to express our sincere gratitude to ourselves for unwavering dedication, creativity, and collaborative spirit that were instrumental in the development and success of our design work for the Gridscape Retreat. Everyone's insightful contributions, tireless efforts, and constructive feedback significantly enriched the project, shaping it into a truly innovative and impactful endeavor. We are deeply thankful for the invaluable support and encouragement provided by our lecturer throughout the design process. Their guidance, expertise, and mentorship played a pivotal role in guiding us towards achieving our goals and realizing the vision of the Gridscape Retreat.

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