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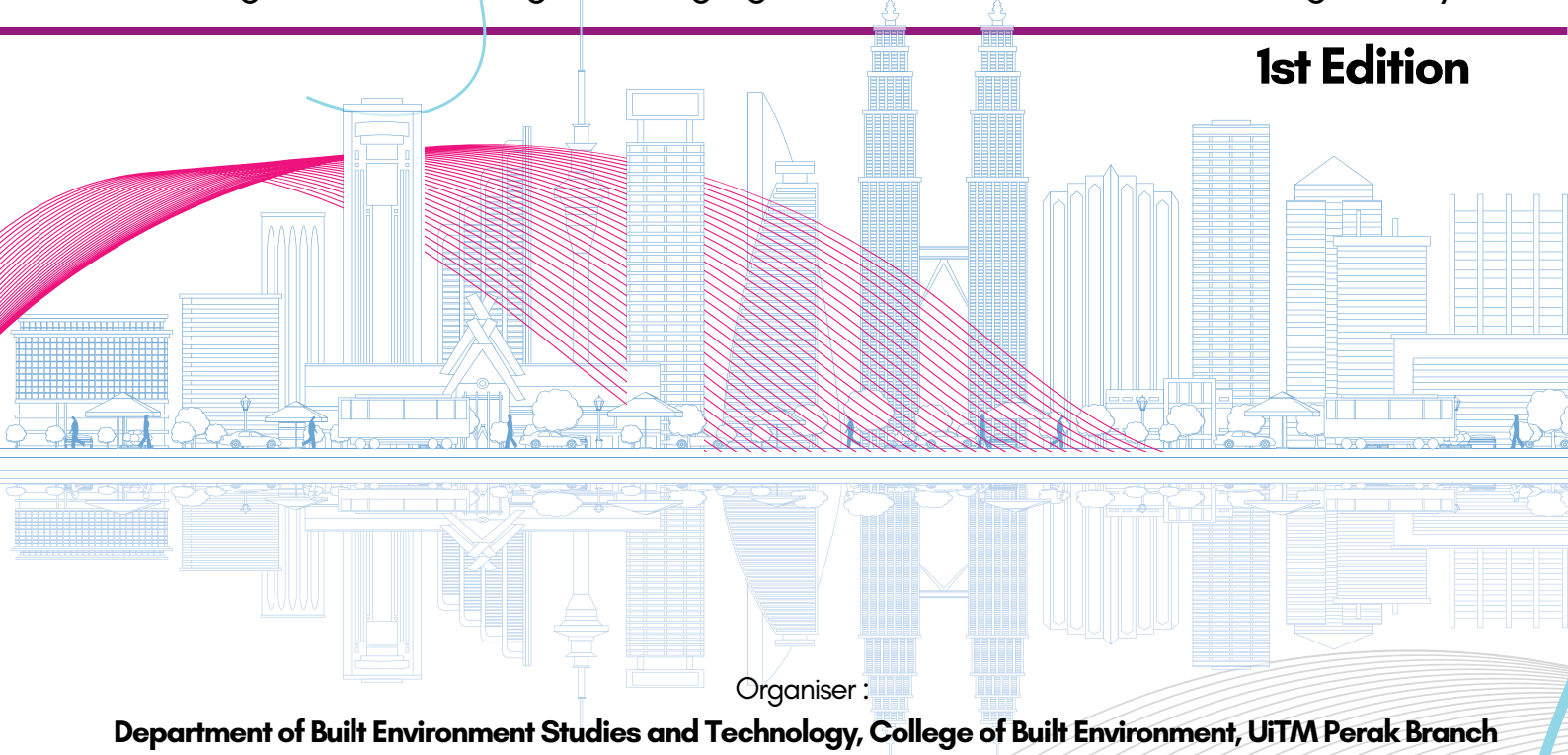
Cawangan Perak

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

Universitas Sebelas Maret

Universitas Tridianti (UNANTI)

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Teduh

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ABSTRACT

The design of public spaces is an important factor in guaranteeing people's comfort and welfare, especially in university settings. These areas are central to the definition of tone and functionality at places like campuses. Eco-friendly elements, comfortable furniture arrangements and intriguing visual effects make such places comfortable for various kinds of activities. Also, large, open spaces provide natural features such as light and air, which makes the whole concept a positive one. Such spaces are communal and can be used to facilitate learning in an environment that is safe and encouraging to the user. They can be adapted according to the activities to be performed; thus, different groups and their interests as well as needs can be met.

KEYWORDS: Public spaces, comfort, welfare, university settings, eco-friendly element

DESIGN DESCRIPTION

"Teduh" evokes the wonder of the Timber Retreat as the shelter, which is a place to relax and socialize, environmentally friendly and aesthetically appealing. As an interior designer, my initial understanding of 'Teduh' was focused on creating a building that harmoniously fits into the natural environment while fulfilling the function and needs of the students. Besides, the term "Teduh" is defined as a place that is safe, conducive to taking shelter from bad weather such as rain or sunny days. It also offers a sense of tranquility and productivity to the students. Moreover, it is designated with power points located in corners and proper disposal of waste to ensure that the environment stays clean and neat thus making students comfortable when studying. Furthermore, the application of a sleek writing glass is not only ornamental but also functional for creative writing, discussions, and brainstorming sessions. As a result, students become more encouraged to develop their creative ideas. Consequently, an increasingly innovative culture developed on campus. From a social sustainability standpoint, the "Teduh" option represents a fresh and innovative approach to the concept of environmentally friendly buildings. First and foremost, installing the solar panel system helps in making the shelter an environmentally friendly one and at the same time it imparts to it an environmental consciousness. With the use of natural energy sources, the kind of lighting fixtures in the shelter generate natural light that has a soothing effect hence enhancing the experience of the students.

NOVELTY AND UNIQUENESS

The inclusion of a sleek writing glass surface serves as a focal point for brainstorming sessions and group activities. Its minimalist design encourages creativity while seamlessly blending with the shelter's natural aesthetic.

BENEFITS TO MANKIND

The sleek writing glass surface in "Teduh" promotes student collaboration and creativity. It provides a designated space for brainstorming sessions and group activities, fostering teamwork and idea exchange. Its minimalist design encourages simplicity and clarity, creating an environment conducive to focused brainstorming. Additionally, the surface is a blank canvas for

visual expression, allowing students to explore and develop their ideas freely. Overall, this feature enhances the student experience by empowering individuals to work together, think critically, and unleash their creativity, ultimately contributing to personal growth and societal advancement.

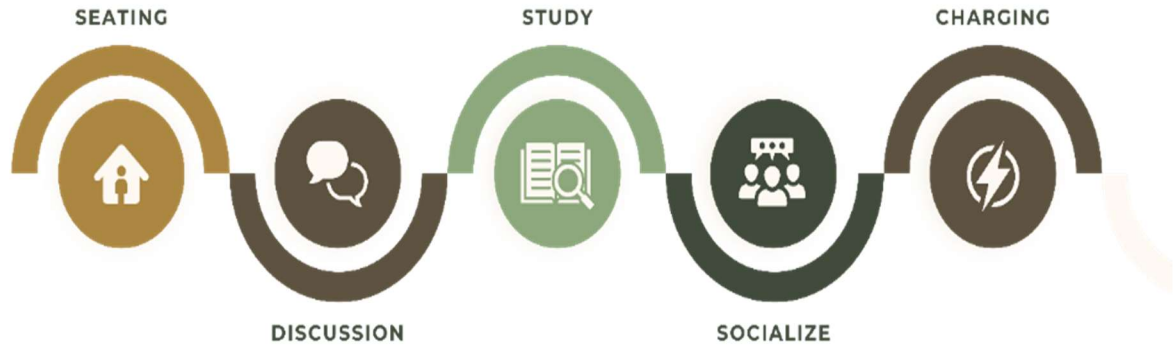


Figure 1: Perspective I



Figure 2: Layout Plan



COMMERCIAL POTENTIAL

"Teduh" capitalizes on burgeoning market demand for sustainable student retreats, targeting a diverse demographic seeking eco-conscious spaces. Its competitive edge resides in its seamless integration of natural timber aesthetics with solar power technology, distinguishing it from traditional designs. Our business model prioritizes scalability, envisioning "Teduh" as a replicable model adaptable to various educational settings. Rigorous cost analysis demonstrates promising profit margins driven by energy savings and operational efficiency. Regulatory compliance and certifications validate adherence to environmental standards, enhancing market credibility. Furthermore, our intellectual property strategy safeguards "Teduh's" unique features, ensuring long-term commercial viability and positioning it as a pioneering solution in the sustainable student accommodation sector.

CONCLUSION

In conclusion, "Teduh" redefines the student retreat experience by integrating elements that prioritize ecological concerns, ergonomic considerations, and community-centered concepts into a visionary effort in sustainable wooden retreat design. The strategy encompasses not only prioritizing comfort and well-being but also encouraging environmental responsibility and fostering a sense of community within the university environment. Future directions for "Teduh" could involve reaching out to a wider audience, developing strategic partnerships to enhance accessibility, and engaging in continuous research to improve sustainability and product design. Additionally, partnerships with academic institutions and cultural organizations could enhance "Teduh's" influence by supporting programs for cultural exchange and experiential learning. Ultimately, "Teduh" is a shining example of succinctness and innovation, with the potential to positively impact student housing in the future.

ACKNOWLEDGEMENT

I express my sincere gratitude to all contributors who have enriched this discourse on public space design. Special thanks to experts and advisors for their invaluable expertise in shaping my understanding, particularly within university settings. I also acknowledge the broader community of researchers, practitioners, and stakeholders whose work continues to inspire and inform my exploration of this vital subject. Their dedication to fostering inclusive environments serves as a beacon for my future endeavors in design and urban planning.

Surat kami : 700-KPK (PRP.UP.1/20/1)

Tarikh : 20 Januari 2023

Prof. Madya Dr. Nur Hisham Ibrahim
Rektor
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Cawangan Perak



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Sekian, terima kasih.

"BERKHIDMAT UNTUK NEGARA"

Saya yang menjalankan amanah,

SITI BASRIYAH SHAIK BAHARUDIN
Timbalan Ketua Pustakawan

nar

Setuju.

27.1.2023

PROF. MADYA DR. NUR HISHAM IBRAHIM
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