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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**

**Universitas Sebelas Maret**

**Universitas Tridianti (UNANTI)**

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## Terrace Twirl

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### ABSTRACT

Timber Fusion Outdoor Furniture offers a perfect blend of nature-inspired aesthetics and cutting-edge design approaches. Each piece in this collection is painstakingly created from sustainably sourced timber, chosen for its durability and natural beauty. Timber Fusion Outdoor Furniture's design philosophy is around boosting outdoor living areas by developing pieces that not only complement the surroundings but also elevate the entire experience. From sleek lounge chairs to adaptable dining sets and ambient lighting fixtures, each piece is deliberately crafted to endure the weather while exuding timeless elegance. Furthermore, Timber Fusion Outdoor Furniture emphasises sustainability throughout the manufacturing process. The collection adheres to environmental stewardship ideals by using ethically obtained lumber and eco-friendly manufacturing processes. Each piece offers a story about craftsmanship, creativity, and environmental stewardship, enabling people to enjoy the outdoors in style and comfort.

**KEYWORDS:** Sustainable timber, durability, environmental, comfort, outdoor

### DESIGN DESCRIPTION

The "Terrace Twirl" design concept revolves around creating an efficient and aesthetically pleasing outdoor fan blade system tailored specifically for use in terrace or patio settings. Drawing inspiration from the natural movement of wind and the need for comfort in outdoor leisure spaces, Terrace Twirl aims to enhance the ambiance and functionality of outdoor seating areas. The fan blades are meticulously crafted with an aerodynamic shape, featuring a gentle curve or twist that optimizes airflow efficiency. This design ensures that the fan can effectively capture and circulate outdoor air, creating a pleasant breeze without being overly intrusive. Each blade is constructed from durable materials, such as weather-resistant plastics or corrosion-resistant metals, to withstand exposure to outdoor elements like sunlight, rain, and humidity. In terms of aesthetics, Terrace Twirl boasts a sleek and modern design that seamlessly integrates into terrace or patio environments. The fan housing and blades are designed to complement outdoor furniture and decor, enhancing the overall visual appeal of the space. Additionally, special attention is given to noise reduction, ensuring that the fan operates quietly to maintain a peaceful outdoor atmosphere. Overall, Terrace Twirl represents a blend of functionality, durability, and style, providing a refreshing cooling solution for outdoor seating areas while adding to the ambiance of outdoor living spaces.

### NOVELTY AND UNIQUENESS

The novelty and uniqueness of outdoor seating stem from its fusion of indoor comfort with the natural beauty of outdoor settings. Outdoor seating offers a distinct experience, providing fresh air, scenic views, and the sounds of nature. Customized design elements like weather-resistant materials and cozy furnishings enhance the outdoor experience, creating spaces for relaxation, socializing, and various activities. From cozy patio nooks to sprawling garden lounges, each outdoor seating area reflects personal preferences and serves as a versatile hub for

entertainment and connection with nature, blurring the lines between indoor and outdoor living.



Figure 1: Terrace Twirl

### **BENEFITS TO MANKIND**

Outdoor seating benefits people in a variety of ways. It allows us to enjoy fresh air and sunshine, which is beneficial to our health and mood. We can socialise with friends and family, decreasing loneliness and strengthening ties. Being outside also motivates us to exercise more, which helps us stay physically strong and cognitively sharp. Outdoor seating areas allow everyone to join, establishing a sense of community and environmental stewardship. Overall, they make us feel happier, healthier, and more connected to one another and the environment.

### **COMMERCIAL POTENTIAL**

Outdoor seating has big potential for businesses. Restaurants and cafes can attract more customers and increase profits by offering outdoor dining options, especially on nice days. Outdoor spaces can also be used for events like parties or weddings, bringing in extra revenue. Businesses can use outdoor seating to stand out from competitors, create a special atmosphere, and keep customers coming back. It's a great way to grow sales and build stronger connections with customers.

## **CONCLUSION**

In conclusion, the impact of design on community cohesion cannot be overstated. Through thoughtful consideration of eco-conscious features and adaptable seating solutions, design has the power to strengthen social bonds, promote well-being, and enhance the overall quality of life within communities. As evidenced by scholarly research and public discourse, design plays a pivotal role in creating inclusive and inviting spaces where people can come together, interact, and thrive. Looking forward, continued enhancements to these environments, including the integration of innovative technologies and sustainable materials, will further elevate the user experience and contribute to a more connected and sustainable future for all.

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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*

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