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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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Meadowview Square

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ABSTRACT

Establishing an outdoor seating space at a university offers a chance to improve the campus atmosphere and enhance student satisfaction. This initiative seeks to create a flexible and welcoming environment conducive to socializing, relaxation, and academic pursuits. The outdoor area will offer a mix of comfortable seating options, including benches, and tables, strategically positioned amidst greenery and landscaping for shade and privacy. Additionally, amenities such as charging stations, waste disposal facilities and lighting will be provided to cater to various student needs. Emphasizing sustainability, eco-friendly materials and practices will be utilized in both construction and upkeep, promoting environmental responsibility and campus growth. Ultimately, the outdoor seating area will serve as a lively center for studying, socializing, and communing with nature, enriching campus life and fostering community spirit.

KEYWORDS: Versatile space, social interaction, sustainability, eco-friendly materials, community enrichment

DESIGN DESCRIPTION

The Meadowview Square is crafted for creating cozy and welcoming gathering spots in public areas like parks and plazas. It's all about giving folks a comfy spot to unwind, chat, and enjoy nature. Built with modular square seating units from fusion timber, it's both sturdy and eco-friendly, blending seamlessly with outdoor settings. With its ergonomic design and integrated planters, it's as comfy as it is visually appealing. You can even add solar-powered features like LED lighting or USB charging ports for extra functionality. It's easy to use, with a user-friendly layout and durable materials that withstand the elements. Perfect for municipalities, urban planners, and community groups looking to spruce up public spaces. From parks to commercial areas, it adds charm and sustainability wherever it's placed. Plus, with clear assembly instructions and regular maintenance, it's built to last for years to come.

NOVELTY AND UNIQUENESS

The Meadowview Square stands out for its groundbreaking design, bringing new ideas and technologies to outdoor furniture. Unlike traditional options, Meadowview uses modular square units crafted from fusion timber, which blends durability, sustainability, and aesthetic appeal. This departure from typical materials makes it unique, as fusion timber combines wood fibers and recycled plastics for a robust and eco-friendly build. Integrated planters not only enhance the visual appeal but also promote environmental benefits by encouraging greenery in outdoor areas. Optional solar-powered features, such as LED lighting or USB charging ports, add to its functionality while reducing environmental impact. Overall, Meadowview Square Seating presents a fresh approach to outdoor seating, seamlessly combining comfort, sustainability, and functionality to set a new standard for public seating solutions



Figure 1: Meadowview Square

BENEFITS TO MANKIND

Meadowview Square offers significant benefits across individual and community levels. It provides comfortable gathering spaces in public areas, encouraging relaxation, socialization, and connection with nature. Made from fusion timber, a sustainable blend of wood fibers, the seating is durable and eco-friendly, promoting sustainability and biodiversity with integrated planters. Economically, it boosts local economies by attracting visitors, supporting tourism, and enhancing property values, while also offering cost savings through reduced maintenance and energy expenses. As an educational platform, Meadowview Square fosters awareness of sustainable design practices. Socially and culturally, it encourages social interaction and community engagement, becoming a focal point for events and gatherings. Overall, it aligns with global sustainability goals and local community needs, setting a new standard for public seating that prioritizes environmental stewardship and well-being in urban environments.

COMMERCIAL POTENTIAL

Meadowview Square encompasses various aspects crucial for its success. Understanding market demand and size is essential, ensuring alignment with customer needs and preferences. Its competitive advantage lies in its use of fusion timber, offering a sustainable and visually appealing alternative to conventional materials. A robust business model should focus on scalability, allowing for expansion into new markets and product lines. Conducting thorough cost analysis is imperative to optimize expenses and determine profit margins. Regulatory compliance and certifications are necessary to meet industry standards and ensure product quality. Developing an intellectual property strategy safeguards unique design elements and innovations. Additionally, factors such as innovation in features, customer feedback integration, and partnerships with local authorities or environmental organizations can further enhance Meadowview's market position and impact.

CONCLUSION

In conclusion, it emphasises the importance of Meadowview Square as a groundbreaking solution in outdoor furniture design. Its utilization of fusion timber, ergonomic structure, and incorporation of sustainable elements offer a compelling combination of comfort, beauty, and environmental awareness. Addressing crucial needs for community interaction and well-being in public spaces, the seating demonstrates its significance. Looking ahead, Meadowview has the potential to innovate further by exploring new technologies, expanding customization options, and fostering partnerships with local communities and environmental groups. By continuing to prioritize sustainability, functionality, and user satisfaction, Meadowview Square Seating can lead the way in shaping outdoor environments that promote social connection, environmental responsibility, and improved quality of life for individuals and communities.

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Saya yang menjalankan amanah,

SITI BASRIYAH SHAIK BAHARUDIN
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