



EXTENDED ABSTRACT



InViCCAD 2025
1ST INTERNATIONAL VIRTUAL COMPETITION OF CREATIVE
ARTS & INNOVATIVE DESIGN IN TEACHING & LEARNING



Design Innovation Academic Show 2025



Organized by



Fakulti
Seni Lukis & Seni Reka
Cawangan Kedah



اوسها تقوى موليا

Collaboration with



#perubahanluarbiasa
#ADpilihanpertama



**EXTENDED
ABSTRACT**

**Design
Innovation
Academic
Show 2025**





DIAS 2025 (Design Innovation Academic Show) is all about "Transcending the Boundaries of Creativity: Innovation in Art & Design for 21st Century Education." This vibrant program shines a spotlight on how creativity and innovation are reshaping modern education.

It consists of three key components. First up is the Mindareka Design Show, an exhibition that showcases students' final year projects and creative designs, giving them a chance to connect with industry professionals and the wider community. Next, we have the Northern Innovation Academic Tour (NIAT), which takes participants on an academic adventure to select institutions and innovation centers in the northern region, aimed at promoting knowledge sharing and building strong academic and professional networks.

Finally, there's the 1st International Virtual Competition of Creative Arts & Innovative Design in Teaching & Learning (InViCCAID), a global competition that recognizes outstanding practices in teaching and learning by blending art, technology, and innovative design. But DIAS 2025 is more than just a talent showcase; it's a powerful platform for empowering both students and educators, while also strengthening collaborations between universities, creative industries, and global communities. With its inclusive and interdisciplinary approach, this initiative strives to spark relevant, competitive, and impactful ideas and innovations that truly benefit society and push the future of education forward.



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Design
Innovation
Academic
Show 2025



Prof. Dr. Roshima Haji Said
Acting Rector
UiTM Kedah Branch

Rector's Message

I am delighted to extend my heartfelt congratulations to the College of Creative Arts, UiTM Kedah Branch, for bringing MINDAREKA 2024 - Unleashing Your Visual Creativity to fruition. The triumphs of past MINDAREKA editions undoubtedly fueled the organization of this year's event, making MINDAREKA 2024 a reality.

MINDAREKA 2024 - Unleashing Your Visual Creativity stands as a testament to the dedication of students at the College of Creative Arts, UiTM Kedah Branch, providing them with a platform to showcase their final art projects. Beyond serving as a space for the exploration of fresh, innovative, and entrepreneurial concepts, this exhibition is poised to connect aspiring talents with potential clients and employers.

I extend my sincere gratitude to all participants whose enthusiasm and support have contributed to the success of MINDAREKA 2024 - Unleashing Your Visual Creativity. Their unwavering belief and commitment have truly brought this event to life, marking it as a resounding triumph!





Head of Faculty Message

It is an honour to introduce DIAS 2025 – Design Innovation Academic Show, held under the theme “Transcending the Boundaries of Creativity: Innovation in Art & Design for 21st-Century Education.” This significant event reflects the faculty’s ongoing commitment to fostering a culture of innovation, critical thinking, and creative exploration among our students and academic community. As we navigate the complexities of the 21st century, it becomes increasingly clear that education must go beyond traditional boundaries to embrace multidisciplinary approaches that are both relevant and future-forward.

The three core components of DIAS 2025, Mindareka Design Show, Northern Innovation Academic Tour (NIAT), and the 1st International Virtual Competition of Creative Arts & Innovative Design in Teaching & Learning (InViCCAID) which is serve as vital platforms to highlight the convergence of design, technology, and pedagogy. These initiatives not only empower our students to showcase their talents and ideas, but also create opportunities for engagement with industry leaders, academic peers, and global collaborators. The Mindareka Design Show celebrates student creativity and innovation through compelling final year projects. NIAT fosters knowledge sharing and institutional partnerships through academic visits and exchanges, while InViCCAID offers international recognition for excellence in integrating art and design into teaching and learning.

I would like to express my deepest appreciation to the organising committee, faculty members, students, and strategic partners who have worked tirelessly to bring this programme to life. Your dedication and collaborative spirit have made DIAS 2025 a reality and a reflection of our shared vision for transformative education. It is my hope that this platform will continue to inspire meaningful dialogue, cultivate groundbreaking ideas, and spark a new wave of innovation that enriches both education and society.



Mohamat Najib Mat Noor
Head of Faculty
Faculty of Arts & Design
UiTM Kedah Branch





***Industrial
Design
(Diploma)***





CHILLAXER | MODULAR ARMCHAIR

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ABSTRACT

The CHILLAXER modular armchair is specially designed for teenagers who love to read and enjoy relaxing in comfort. This chair combines modern styling with smart features to create a cosy and flexible reading space. One of its main highlights is a sliding table that can be easily pulled out when needed for holding books, snacks, or devices and removed completely when not in use. This gives users full control over how they want to use the space. On the left side of the chair, there's also a built-in book holder, making it easy to store books within reach. These thoughtful features keep the reading area neat and organised while also encouraging teens to spend more time enjoying their books. The CHILLAXER is made with soft, supportive cushions and a lightweight frame, making it easy to move and adjust. The colours and materials are chosen to match a modern teen's room fun, fresh, and personal. During the design process, feedback from teenagers helped shape the look, comfort, and function of the chair. The goal was to create more than just a seat; CHILLAXER becomes a personal corner where teens can relax, read, and feel at ease. In the end, CHILLAXER offers a perfect mix of comfort, function, and style for young readers. It's not just a chair; it's their favourite reading spot, designed to fit their daily needs.

Keywords: Modular, Reading, Teenagers, Comfortable, Teen-friendly

INTRODUCTION

Teenagers today spend a lot of time in their rooms, whether it's reading, studying, relaxing, or just enjoying their space. For this Industrial Design Project, the goal was to create a product that fits their lifestyle and makes their daily activities

more comfortable. That's how the idea for the CHILLAXER modular armchair was born. CHILLAXER is a comfy chair designed especially for teens who love to read. It comes with smart features like a sliding table that can be pulled out when needed and removed when not in use. There's also a bookstand on the side to keep their favourite books close by. The chair can be adjusted based on what the user wants, making it a personal and flexible space. This project followed the full design process, starting with research to understand what teenagers need, then sketching out ideas, making models, testing with real users, and improving the design based on feedback. The focus was to make something that looks appealing, feels pleasing and helps teens enjoy reading more. In the end, CHILLAXER is more than just a chair; it's a cosy reading spot that supports comfort, creativity, and independence for teenagers. It shows how design can make everyday life easier and more enjoyable.

MATERIALS AND METHODS

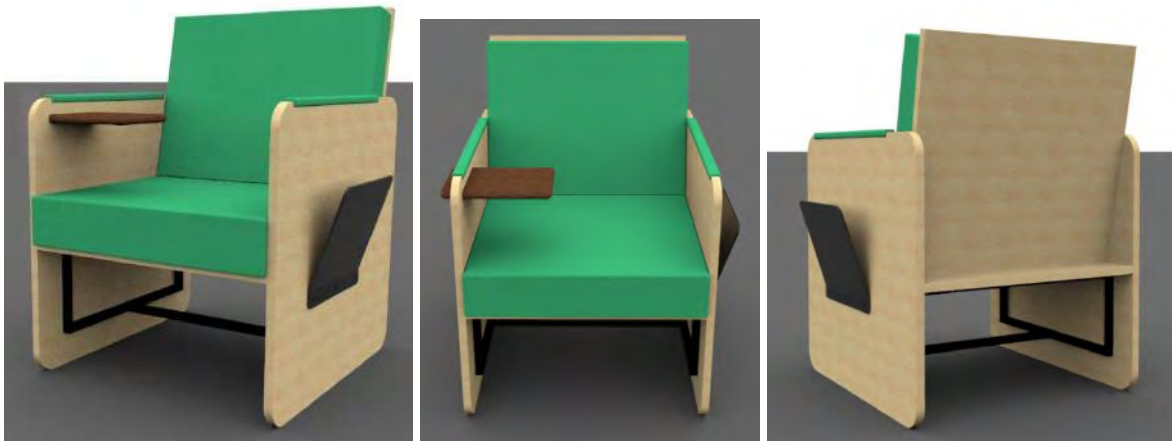


Figure 1 The picture of final body structure

For the CHILLAXER armchair, I chose materials that were both cosy and practical for teenage use. The frame of the chair is made from rubberwood, which is strong enough to support the body. To make the seat and backrest soft and comfy, we used high-density foam and wrapped it in smooth fabric that feels nice to sit on. I added the structure that is made from steel to support the base of the chair. Also, the fabric comes in trendy, teen-friendly colours to match their style. The sliding table is made from a clean, rubberwood surface that's easy to pull out when needed, like for



holding books or snacks, and just as easy to remove when not in use. The book holder on the left side of the chair is designed to keep books in place without making the chair bulky, so users can always have their favourite reads within reach. To bring the design to life, we started by observing how teenagers relax, read, and use their space. We collected ideas through mood boards and design sketches. After that, we made early models (mock-ups) out of foam board to test the shape, comfort, and function. This whole process helped us create a chair that's not only comfortable and useful but also something teens can enjoy and feel proud to have in their room.

RESULT AND DISCUSSION/FINDINGS

After designing and building the CHILLAXER armchair, we tested it with a few teenagers to see how well it worked for them. The results were really encouraging. Most users were pleased with the chair and said it was comfortable, practical, and fun to use. The sliding table turned out to be one of their favourite features. They liked being able to pull it out to place their books, snacks, or even their phone, and remove it when they didn't need it. The book holder on the side also got positive feedback; users said it made it easy to keep their favourite books nearby without cluttering their rooms. Comfort-wise, many teens said the chair felt just right for reading or relaxing for a long time. They appreciated the soft cushions and supportive shape. Some said the CHILLAXER made them want to read more often because they finally had a cosy spot. Some suggestions for improvement included offering more colour options. These are great ideas that could be considered in the next version of the design. In the end, the CHILLAXER was more than just a chair; it became a favourite spot for teens to chill, read, and enjoy their own personal space. This shows how thoughtful, user-friendly design can make a real difference in everyday life.

CONCLUSION

The CHILLAXER armchair proves that a simple and thoughtful design can make a big difference in a teenager's daily life. With its cosy cushion, smart sliding table, and side book holder, this chair offers both comfort and convenience in one compact design. It's made to support teens who love reading, studying, or just relaxing in their space. The design not only looks modern and fun but also works well in real life, being

easy to use, comfortable to sit in, and functional for daily activities. It shows how combining style with user needs can create a product that feels personal and useful. In the end, CHILLAXER is more than just a chair; it's a place to chill, read, and be yourself.



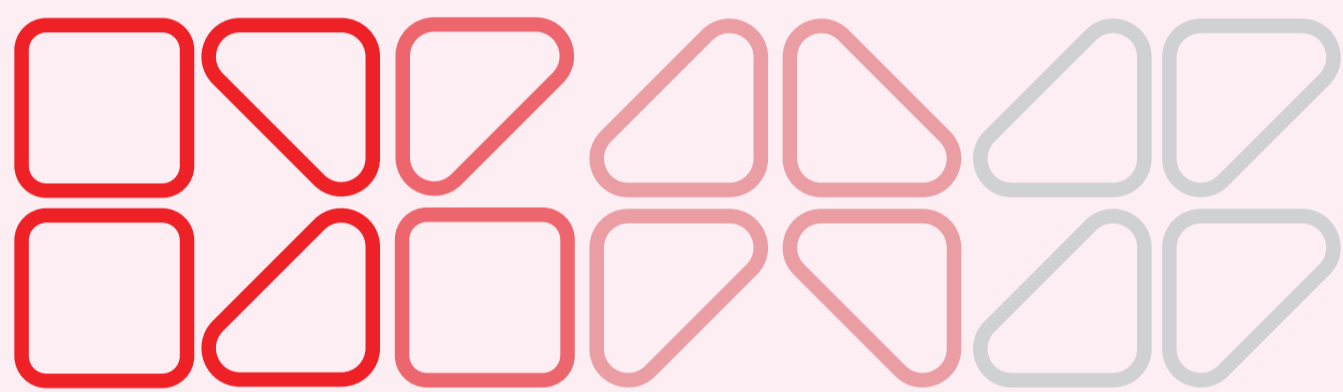
Figure 2 The picture of Environment (CHILLAXER)

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