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6th International Innovation & Design in Library & Information Science Competition (InDeLib2023)



MAPPING THE LIBRARY OF TOMORROW THROUGH INNOVATION

Editors

Asmadi Mohammed Ghazali
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Dewan Perdana,
UiTM Kedah

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PREFACE

The first International Innovation & Design in Library & Information Science Competition (InDeLib) was held in 2016 at the international level. InDeLib became a brand name linked to the Faculty of Information Management, UiTM Kedah Branch, known to many local and international learning institutions. InDeLib is open to all organizations (libraries), librarians, professionals, researchers, academicians, teachers, and students from institutes of higher learning, college, secondary and primary schools. They share their ideas or methods throughout innovation and invention, particularly in library and information science. The 6th InDeLib 2023 is endorsed by the Librarians Association of Malaysia and the National Library of Malaysia.

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PROCRASTINATION BUSTER: AMBIANCE STUDY CAPSULE (PACS)

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Abstract

Historically, libraries have served as sanctuaries of knowledge and learning for academic and intellectual pursuits. Despite this, the changing needs of today's learners and technology integration into education require that traditional library spaces be reimagined. This project explores the concept of 'study capsules' as a revolutionary idea for library environments. Study capsules are private, technologically equipped, and adaptable spaces. We explore the multifaceted aspects of this innovation. Our research aims to create a learning environment that maximizes individual study through design, layout, and technology integration. We consider environmental and sustainability aspects as part of our eco-friendly library design approach. Our survey of 32 students studying Library and Information Management (Honors) found that procrastination is becoming a habit. We are committed to helping students eliminate their bad habits through our Procrastination Buster: Ambience Study Capsule (PACS) innovation. Innovation within library spaces is imperative to cater to students' and researchers' evolving needs. The strategy we implemented also included using music as a form of assistance to keep students focused, thus redefining the traditional paradigm of the library.

Keywords

Library Services Innovation, Study Capsule, Music and Cognitive Load.

Introduction

Procrastination Buster: Ambience Study Capsule (PACS) is an innovation that emerged from the Anti-Procrastination Support Program (APSP). PACS was developed to strengthen the idea of innovation of APSP services in libraries. In terms of its design, PACS is a study capsule aimed at ensuring the comfort of its users. Furthermore, the PACS has an audio system that allows users to select the environment when completing a task, such as playing a song or emulating natural sounds, to create a good ambience for study. Music has been proven to reduce cognitive load, which helps individuals absorb more information.

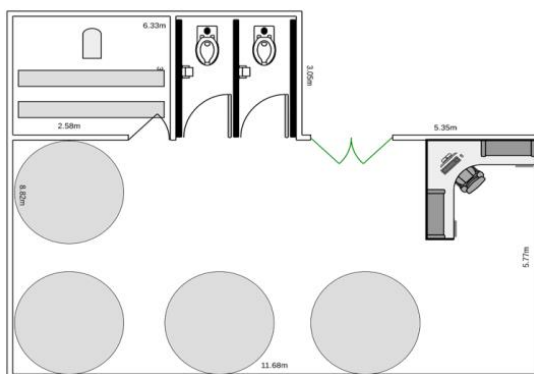


Figure 1: PACS floor plan.

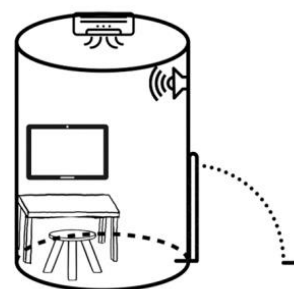


Figure 2: PACS inner design

Problem Statement

To meet today's learners' diverse and evolving needs, conventional library and study environments must change significantly. Library settings have historically been places of quiet study and research, but the dynamic nature of contemporary education and work calls for reimagining these settings. The existing library infrastructure, which includes open seating and traditional study rooms, must be improved to

provide a conducive environment for concentrated and productive work. We intend to develop a study capsule known as 'Procrastination Buster: Ambience Study Capsule', which will be able to overcome the limitations of conventional study environments. Individuals will be provided with an enclosed, quiet, technologically advanced environment.

Novelty & Uniqueness

In the fast-paced and technology-driven world of education, the traditional library setup is undergoing a transformative shift. One of the most intriguing developments is the emergence of study capsules designed to enhance the learning environment. Among these innovations, the Procrastination Buster: Ambience Study Capsule is unique and captivating. The Procrastination Buster: Ambience Study Capsule differs from other typical study spaces. Instead, it offers an immersive and highly customizable learning environment that caters to individual preferences, fostering an ideal atmosphere for concentration and productivity. Its uniqueness lies in several key aspects.

The Procrastination Buster: Ambience Study Capsule is designed to be a private and distraction-free zone. Unlike traditional libraries, where students often must contend with noise, chatter, and various distractions, the ambience study capsule provides a cocoon of quietude. Its soundproof design ensures that external disturbances are kept at bay, enabling students to focus intently on their studies. Customization is another standout feature of the ambience study capsule. Each capsule can be tailored to its occupant's specific needs and preferences. This situation includes controlling lighting, temperature, and even background noise. Whether one prefers a dimly lit, cosy space with soft classical music or a brightly lit, quiet environment, the capsule can be adapted to suit individual comfort and concentration levels.

Furthermore, the Procrastination Buster: Ambience Study Capsule incorporates the latest technology to aid learning. High-speed internet connectivity, access to educational resources, and the capability to connect personal devices make it a hub for research and study. This seamless integration of technology offers an edge over traditional study environments. Another unique aspect is its ergonomic design. The capsule has comfortable seating, adjustable desks, and proper ventilation to ensure students can sit for extended periods without discomfort. This focus on ergonomic design contributes to improved concentration and overall well-being. One of the most significant advantages of the ambience study capsule is its flexibility. These capsules can be placed in various locations, from university campuses to public libraries and private residences. This adaptability allows students to choose the most convenient study environment and promotes access to quality education for all.

In conclusion, the Procrastination Buster: Ambience Study Capsule offers a unique and innovative solution to the challenges of modern learning. Its focus on customization, tranquillity, technology, and comfort sets it apart from traditional study environments. The ability to adapt to various settings and cater to individual preferences makes it a valuable addition to the educational landscape, enhancing the overall learning experience for students. As we continue exploring new ways of learning in the digital age, the ambience study capsule stands as a testament to the potential for innovative and unique educational approaches.

Potential Commercialization

Procrastination Buster: Ambience Study Capsule (PACS) is an innovative solution for combating procrastination among the populace. PACS can be commercialized as a service and product for all libraries. PACS is a new and improved version of the library carrel room service, promoting a conducive and private environment for study and consultation. PACS highly emphasize the quality of the environment while ensuring the main objective: combating procrastination. PACS needs a special room designated for the service consumers can experience and benefit from. Setting up the PACS can be cost-consuming, as stated in Table 1, depending on the types of libraries. However, libraries already function as community hubs, and the co-location of traditional services with other services is a current focus (Arts Council England, 2017). Public and academic libraries can benefit from these services, especially in increasing visitors and potential patrons. PACS is a service and product for all: young and old, students and career people alike. The National Library is a place to start. The National Library of Malaysia (PNM) can kickstart this innovation by being the first to implement it as a library service. Plus, PNM's influence as a pioneer in Malaysian library institutions and with social media can help PACS gain traction across libraries nationwide. Libraries can charge service costs starting from

RM30.00. However, libraries are encouraged to provide the PACS for free and implement service costs as a penalty instead.

No.	Item	Quantity	Amount (RM)
1	Soundproof foam panel wall 2" X 12" X 12"	12	200
2	Study table and chair set	1	130
3	LCD display	1	85
4	Air conditioning system	1	105
5	Sound system	1	230
	Total	16	750

Table1: Suggestion of budget on setting 1 PACS

Acknowledgement

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