



## STOREME

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### ABSTRACT

StoreMe is a student-centric mobile application designed to address the growing demand for secure, affordable, and convenient short-term storage during university semester breaks. It serves as a modern, digital alternative to conventional storage methods, which are often manual, time-consuming, and inefficient. The platform allows students to reserve storage space, select flexible rental durations, and access transparent pricing, improving convenience and decision-making. A key feature is its integrated logistics system, offering door-to-door pickup and delivery directly from hostel rooms, which reduces physical burden, time constraints, and transportation challenges. Additionally, an in-app marketplace for packing materials promotes better organization and minimizes damage during transit. The development of StoreMe directly addresses the increasing demand for temporary storage among students at UiTM Terengganu Branch Dungun Campus, UiTM nationwide, and other universities facing similar challenges. Overall, the platform enhances user experience, operational efficiency, and sustainability, while demonstrating strong potential for scalability within the student services sector.

**KEYWORDS:** Affordable Storage, Digital Innovation, Integrated Logistics System, On Demand Logistics, Users Convenience

### PROBLEM AND OBJECTIVE

College students face recurring storage challenges during semester breaks, as campus rules often require rooms to be cleared while affordable, safe, and convenient storage options remain limited (Thomsen & Eikemo, 2010). Without formal services, students must rely on informal arrangements such as leaving belongings with friends or outsiders, which expose them to risks of theft, damage, or loss. Existing self-storage facilities are typically costly, far from campus, and not tailored to student needs, while seasonal demand further complicates logistics (Tang et al., 2022). This lack of a centralized, student-focused solution forces students to waste time and energy on packing, transportation, and unreliable providers, adding stress during critical academic periods. The problem highlights the need for a reliable, affordable, and student-centered storage system that aligns with the academic calendar and eases the burden on students. Therefore, StoreMe's goal is to provide simple, reasonably priced, and secure short term storage for students' belongings while they are on break. The goal of StoreMe is to offer students a flexible storage option that lets them rent storage spaces on a monthly basis for a fair price. Additionally, StoreMe offers an extra pick-up-and-delivery service that moves students' boxes from campus to the storage facility at a fair price in an effort to lessen the



mobility challenges they face. The objective is to increase student convenience, lessen the difficulties associated with moving personal items, and position StoreMe as a useful, student-focused storage option.

## DESIGN DESCRIPTION

StoreMe addresses a common and recurring challenge faced by university students during semester breaks, which is the difficulty of transporting, managing, and safely storing personal belongings, especially for those living far from campus or with limited access to transportation. It provides a secure, convenient, and affordable storage solution that allows students to store essential items such as clothing, books, documents, and other personal belongings throughout the holiday period without worry. Supported by a dedicated mobile application, StoreMe enables users to book storage services anytime and anywhere, enhancing accessibility, flexibility, and overall user convenience. The platform also offers a pickup and delivery service, where students' items are collected directly from their hostel rooms, safely transported to the storage facility, and returned at the beginning of the new semester, significantly reducing physical effort, time consumption, and transportation difficulties. In addition, StoreMe features an integrated online store that allows students to purchase essential packing materials such as boxes, bubble wrap, labels, and storage bags, ensuring better organization and preparation before storage. Overall, StoreMe functions as a fully integrated platform that combines storage, logistics, and packing solutions into a single system, delivering a comprehensive, practical, and student-centered service that enhances efficiency, convenience, safety, and comfort during semester transitions.

## VISUALS





## NOVELTY AND UNIQUENESS

The uniqueness of StoreMe lies in its student-centric integration of logistics and mobile technology. While traditional storage services offer stagnant space, StoreMe provides a dynamic end-to-end ecosystem managed via a single application (Turban et al., 2018). The primary innovation is the room-to-room pickup and delivery service, specifically designed to assist students who lack personal transportation or face the physical burden of moving heavy items during semester breaks. Furthermore, StoreMe introduces academic-aligned rental periods, allowing students to pay only for the duration of their break rather than committing to rigid, long-term contracts. By incorporating an in-app marketplace for packing essentials, StoreMe consolidates storage, transport, and retail into one platform. Ultimately, StoreMe transforms a traditionally fragmented and labor-intensive task into a streamlined, digital-first experience tailored to the modern student lifestyle.

## BENEFITS TO MANKIND

StoreMe helps reduce the burden students face when managing their belongings during semester breaks. By combining pickup, storage, and delivery in a single app, it minimizes physical effort, saves time and lowers the risk of student belongings being lost or damaged. This makes the process more convenient and less stressful, especially for students who live far from their university. In addition, StoreMe app encourages better organization and planning, while reducing unnecessary travel, which supports a more efficient and practical student lifestyle.

## COMMERCIAL POTENTIAL

StoreMe has strong commercial potential as it addresses a consistent need among university students during every semester break. Its main advantage is the all-in-one platform that integrates storage services, transportation, and packing supplies, making it more convenient than traditional storage options. Revenue can be generated through storage rental fees, delivery charges, and in-app purchases. With a scalable model, StoreMe can expand to other universities, allowing it to reach a larger market while maintaining efficient operations and long-term sustainability.

## CONCLUSION

StoreMe offers a practical and innovative solution to the common storage challenges faced by students during semester breaks. By integrating storage services, transportation, and packing materials into one mobile platform, it enhances convenience, reduces physical effort, and minimizes risks of loss or damage. Its student-centered features, such as flexible rental periods and pickup-and-delivery services, make it highly relevant and efficient. With strong commercial potential and scalability, StoreMe can expand to multiple universities in the future and reach a wider student market. It can also introduce promotions or student packages to make the service more affordable and attractive. Additionally, improving customer support and ensuring consistent service quality will help build trust and strengthen its position as a reliable, student-focused storage solution.

## REFERENCES

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