

ABSTRACT

Bags function as ubiquitous storage and transportation containers widely utilized by various segments of society, including students, professionals, and employees. However, a prevalent challenge associated with bag usage is the inadvertent leaving behind of belongings. In response to this issue, a technology-based solution is proposed: the Reminder Bag, equipped with features for item reminders and enhanced security, designed to minimize the risk of forgotten items and bag theft.

The primary focus is on developing a reminder system applicable to bags that is accessible to diverse demographics. In this innovation, the bag is integrated with a smartphone for efficient organization and monitoring of belongings, as well as ensuring the bag's security and sustainability. The integration aims to provide not only a positive contribution to societal efficiency by reducing the risk of item loss but also to address prevalent security concerns related to bags.

The Reminder Bag has the potential to revolutionize urban challenges by offering a user-friendly and innovative solution for everyday life, thereby contributing positively to the environment and social awareness.

Keywords: Bag, Belongings, Reminder, Security, Smartphone