

Smart Courier System

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Abstract: *The advent of e-commerce has significantly increased the demand for efficient last-mile delivery solutions. Traditional courier systems often struggle to meet the growing demands of consumers, leading to delays, inefficiencies, and customer dissatisfaction. To address these challenges, this paper proposes a Smart Courier System (SCS) designed to optimize and streamline the last-mile delivery process. The SCS incorporates advanced technologies such as Internet of Things (IoT) to enhance efficiency, accuracy, and reliability throughout the delivery journey. Key components of the SCS include real-time tracking and monitoring. By leveraging these technologies, the SCS aims to minimize delivery times, reduce operational costs, and improve overall customer experience. Additionally, the paper discusses potential challenges and implementation considerations for deploying the SCS in real-world courier operations. Overall, the Smart Courier System presents a promising solution to address the evolving demands of the modern logistics landscape and pave the way for a more efficient and reliable last-mile delivery ecosystem. This document gives formatting instructions for authors preparing papers for publication in the International Journal. The authors must follow the instructions given in the document for the papers to be published. You can use this document as both an instruction set and as a template into which you can type your own text.*

Keywords: Internet of Things

REFERENCES

- [1]. Recent Development on Courier Service by Ahmad Ghazali kidwai & Dr.Adeel Maqbool in 2023
- [2]. A Study of Courier Service Quality & Customer Satisfaction by Rui Qi Tang & Ying Jie Tang in 2022
- [3]. Courier Management System by EL THETU.2021
- [4]. "Supply Chain Management: Strategy, Planning, and Operation" by Sunil Chopra, Peter Meindl, Published in Pearson Education, 2019
- [5]. "Transportation: A Global Supply Chain Perspective" by John J. Coyle, Robert A. Novack, Brian Gibson, Edward J. Bardi, Published in Cengage Learning, 2015
- [6]. "Operations and Supply Chain Management" by F. Robert Jacobs, Richard B. Chase Published in McGraw-Hill Education, 2013
- [7]. RFID in the Supply Chain by Pedro M. Reyes, 2011
- [8]. "Logistics and Supply Chain Management" by Martin Christopher Published in Great Britain in 1999
- [9]. Trust in Courier Services and Its Antecedents as a Determinant of Perceived Service Quality and Future Intention to Use Courier Service Published by Joanna Ejdays in 31 oct 2022
- [10]. Intention to Use Courier Service Published by Joanna Ejdays in 31 oct 2022