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海关跨境电子商务物流监管平台
的设计与实现

Design and Implementation of the Customs'
Cross-Border Electronic Commerce Logistics Supervision
Platform

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摘要

随着国际贸易形态的发展以及国家政策的支持，跨境电子商务成为当前经济发展新的增长点。然而传统的海关物流监管模式功能尚未健全，对跨境电子商务贸易的监管还有进一步提升的空间。如何高效科学的处理跨境电子商务贸易的监管问题，已经成为经济发展和海关履行职能的重要课题。建立海关跨境电子商务物流监管平台成为解决问题的有效工具。

本文分析了海关跨境电子商务物流监管平台实现的理论，就海关监管和物流流通等方面出发，对平台的业务需求、技术难点等进行分析，得到了平台总体的结构和设计思路。然后就此讨论平台的整体结构和功能设计，对软件平台开发实现进行分析。进而，总结了海关跨境电子商务物流监管平台设计的实现。

本文通过切合实际的平台研究，充分论证了海关跨境电子商务物流监管平台建设的可行性。在跨境电子商务迅猛发展的今天，应用信息化监管平台进一步提高海关监管的效率，是未来发展的必由之路。通过业务需求分析、平台技术研究和功能简单测试等环节获得一系列材料为海关跨境电子商务物流监管平台实现的建设提供参考依据，成为了今后开展此项研究的重要组成部分。

本文从实践层面的角度出发，结合实际的监管内容对海关跨境电子商务物流监管平台建设提出具体需求，指明了设计的方向，对可能用到的技术进行了分析和筛选，着重在平台设计和设计实现方面进行了研究，具有较强的可操作性和后续开发潜力。

关键词：海关；跨境电子商务；物流监管平台

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Abstract

With the development of international trade form and the support of the national policy, current cross-border electronic commerce has become a new growth point of economic development. However, the function of customs' traditional logistics supervision mode is not perfect, the cross-border electronic commerce trade regulation has the potential to be improved. It has become an important issue of economic development and Customs' duty performers about how to deal with the supervision issues of the cross-border electronic commerce effectively and scientific. The establishment of customs logistics supervision of cross-border electronic commerce platform will become an effective tool to solve the problem.

Firstly, we will analyze the theory of customs' logistics supervision of cross-border electronic commerce platform. According analyze the functional requirements and the difficulties of the platform technology to Customs supervision and logistics and other aspects, we can draw the logic structure and design idea of the overall platform. On the basis of the platform, we analysis the development and implementation of software platform. Finally, we make a decision of the design and implementation of Customs' cross-border electronic commerce logistics monitoring platform.

This dissertation would like to fully demonstrate the feasibility of Customs logistics supervision of cross-border electronic commerce platform construction, through the platform practical research. In today's rapid development of international electronic commerce, the application of informatization supervision platform to further improve the efficiency of customs supervision and control, is the future development of the route one must take. It has become an important part of the study in the future through the analysis of business requirements, platform technology research and simple function test step to obtain a series of material provides the reference for the construction to realize the customs cross-border electronic commerce logistics supervision platform.

In this dissertation, from the practice point of view, the content of supervision combined with the actual proposed the specific needs of customs logistics supervision of cross-border electronic commerce platform

construction, pointed out the direction for the design, may use technology to carry on the analysis and screening, studied in the platform design and implementation design aspects, and has strong operability and subsequent development potential.

Keywords: Customs; Cross-border Electronic Commerce; Logistics Monitoring Platform

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