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DEVELOPMENT OF A DATA ANALYSIS SYSTEM FOR INTERNET SALES

В предлагаемой статье излагаются основные аспекты разработки веб-ресурса, который анализирует информацию о магазинах, потребителях и товарах крупных онлайн-торговых платформ. Ресурс состоит из трех частей: веб-сайта клиента, системы управления и сервера. Веб-ресурс реализован с использованием: Node.js, IntelliJ IDEA и SQL Server в качестве инструментов разработки; Angular CLI, Spring boot и Mybatis как основная среда разработки; Java, HTML, SCSS и Typescript в качестве основных языков программирования.

Since ancient times, wealthy merchants have been able to maintain or expand their business scale not only by their smart brain and wealth, but also by their vast source of business information. Through these capabilities and information combined with their experience, they can obtain more profits. The online trading platform itself holds a large amount of commercial information, and combines data analysis to maximize the development of such data or information, so that merchants can enjoy the convenience of technology and the idea of ancient wealthy merchants. Therefore, it is decided to establish a project, which will analyze the store information and commodity information of each major online trading platform, and provide data analysis services and suggestions for the owners and consumers.

The proposed project is to design and develop an information analysis system, which mainly includes: store information including business scope, geographic location and commodities; commodity information including basic description of commodities (such as color and memory size of mobile phone), quantity sold, quantity evaluated, and trend evaluated, etc.

The system consists of three parts: customer website, management system and server. Customer website provides users information retrieval and data analysis services; management system is used to update the system server's data information; and service side is responsible for business processes, data analysis and data access management. Project will use Node.js, IntelliJ IDEA and SQL Server as development tools; Angular CLI, Spring boot, and Mybatis as the main development framework; Java, HTML, SCSS, and Typescript as the main programming languages.

If this project is completed, it will help businesses complete their store development plans and help consumers buy the goods they want.