

基于 .Net Core 的智慧服务区管理系统 的实现

摘 要

随着科学技术的发展，人们对高效率、自动化的工作要求越来越高，一套完整的、好的管理系统，不仅能够提高人们的工作效率，还能节省大量的人力物力。现如今，计算机被广泛应用于各行各业，互联网的应用更是让生活变得唾手可得、紧密相连，大数据更是发展的必要趋势，数字化时代已深入人民生活，许多行业也带来了变革。面对发展迅速的交通行业，公路服务区的管理问题也日益增多，由于分配的每个公路服务区地点不同，之间的距离也相差甚远，因此集中式的管理迫在眉睫，这时就需要一个公路服务区的管理系统，实现对公路服务区的高效数字化管理。

智慧服务区管理系统使用的语言是 C# 语言，在用 C# 语言开发时用到了 Linq 技术，框架为 Asp.Net Core 2.0，该框架具有良好的扩展性与跨平台性。本系统严格按照工程性标准开发，实现了用户管理公路服务区所提的需求，体现了良好的逻辑性，主要实现的功能是用户管理，私信管理，群发信息管理，整改管理，并在每个功能模块中实现权限管理，从而达到对公路服务区高效率系统化的管理。

关键词：高效率；C#；Asp.Net Core 2.0；管理系统

ABSTRACT

With the development of science and technology, people have higher and higher requirements for high efficiency and automation. A complete and good management system can not only improve people's work efficiency, but also save a lot of human and material resources. Nowadays, computers are widely used in all walks of life. The application of the Internet makes life more accessible and closely connected. Big data is a necessary trend of development. The digital era has gone deep into people's life, and many industries have brought changes. In the face of the rapid development of the transportation industry, the management of the highway service area is also increasing. Because the location of each highway service area is different and the distance between them is far from each other, the centralized management is imminent. At this time, a highway service area management system is needed to realize the efficient digital management of the highway service area.

The management system of smart service area uses C language. LINQ technology is used in the development of C language. The framework is Asp.Net Core 2.0, which has good scalability and cross platform. The system is developed in strict accordance with the engineering standards, realizing the requirements of user management of highway service area, reflecting good logicity. The main functions are user management, private letter management, mass information management, rectification management, and the realization of rights management in each functional module, so as to achieve the high-efficiency and systematic management of highway service area.

Key words: high efficiency;C#;Asp.Net Core 2.0;management system

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