

Research on Cloud Computing technology and its applicability to smart parking systems

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Abstract: In the context of modern society, effective management of smart parking lots is becoming increasingly important. This topic aims to research Cloud Computing technology and apply it to smart parking systems to improve service quality and reduce infrastructure load. By combining theoretical and experimental methods, this topic not only provides innovative solutions but also opens up the possibility of integrating advanced technology into the fields of transportation and parking management. The research results are expected to contribute significantly to sustainable development in the transportation industry.

Keywords: Cloud Computing, Smart Parking System, Efficient Management, Applied Research, Technology Integration