



2025 International Conference on Electronics and Computing, Communication Networking Automation Technologies : Submission (218) has been created.

1 message

Microsoft CMT <noreply@msr-cmt.org> Mon, 21 Apr, 2025 at 1:04 pm
To: ishita.2125cs1199@kiet.edu

Hello,

The following submission has been created.

Track Name: ICEC2NT2025

Paper ID: 218

Paper Title: System and method for resolving the parking issues using smart vehicle parking.

Abstract:

There is a significant disparity between the number of cars and parking spots in metropolitan areas, particularly during rush hour, which results in traffic congestion, obstructions, and inconvenience. Our method addresses these problems by uniting vacant areas—owned by individuals or businesses—under a unified, well-designed platform. These spaces can be registered for public use, making the most of existing resources without the need for additional infrastructure. This will help to alleviate parking shortages and support the objectives of sustainable development and smart cities. To ensure efficiency, we integrate Internet of Things (IoT) devices into the parking lots. These modules instantly update a web application with the availability of a place based on automatic determination. By doing this, traffic flow is improved overall and the amount of time spent looking for parking is decreased. Area owners have complete control over their properties and can handle reservations and cancel them as needed. Reviews and ratings are meant to ensure security and trust, allowing drivers and parking suppliers to assess one another prior to confirming a reservation. Verification and other similar processes strengthen security and ensure safe transactions. Ultimately, our technology provides landowners with a sustainable and scalable solution to urban parking issues, as well as an opportunity to earn additional revenue.

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Secondary Subject Areas: Not Entered

Submission Files:

IoT-based Safe Parking System and Minimizing Roadblocks.pdf (1 Mb, Mon, 21 Apr 2025 07:31:26 GMT)

Submission Questions Response: Not Entered

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