

Review of: "Intelligent Transportation System Real-Time Tracking"

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Potential competing interests: No potential competing interests to declare.

The paper serves as a good introductory work on the implementation of an intelligent transportation system (ITS) using GPS technology and mobile applications. The authors highlight the advantages of real-time bus tracking, such as efficient resource allocation and improved passenger experience. While the proposed system architecture and objectives are well-presented, a comprehensive review of related work would have strengthened the paper's scholarly value and provided a broader context for the research. Overall, it offers valuable insights into enhancing public transportation and reducing waiting times through the integration of ITS technologies.

Some points of improvement:

- **Clearer Objectives:** The article should provide more specific and measurable objectives for the intelligent transportation system (ITS). Instead of general statements like "reduce waiting times," it would be beneficial to include specific targets, such as a percentage reduction in waiting times or a specific time range for estimated arrival times.
- **Methodology Description:** The article should provide a detailed explanation of the methodology used in the pilot experiment. This would include information on the sample size, data collection process, data analysis techniques, and any statistical measures used to evaluate the system's effectiveness. Providing this information would enhance the credibility and reproducibility of the study.
- **Results and Findings:** The article should present the results and findings of the pilot experiment in a clear and concise manner. This would involve providing quantitative data, such as the percentage improvement in passenger satisfaction levels or the reduction in waiting times observed during the experiment. Including visual representations, such as charts or graphs, would also aid in understanding the impact of the intelligent transportation system.
- **Limitations:** It is important to discuss the limitations of the proposed system and the pilot experiment. This would include addressing any technical challenges or constraints encountered during the implementation, as well as potential areas for improvement. Acknowledging limitations would help readers understand the scope and applicability of the system in real-world scenarios.
- **Future Research Directions:** The article should provide suggestions for future research and development in the field of intelligent transportation systems. This could include exploring advanced analytics techniques for predictive bus arrival times, integrating additional features based on user feedback, or considering scalability and implementation challenges for larger transportation networks. Including these future research directions would provide insights for researchers and practitioners interested in further advancing the field.

