Revolutionizing Mobility: Exploring the Integration of Ridesharing and Parcel Delivery Applications

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This study explored the use of mobile applications to address traffic congestion and environmental degradation caused by the increasing number of vehicles. The study focuses on ridesharing and parcel delivery services as potential solutions. By optimizing seat occupancy in private vehicles through ridesharing apps, the number of vehicles on the road can be reduced. These applications connect drivers and riders with similar routes, enabling shared rides and more efficient use of available space. Additionally, integrating parcel delivery services into these applications can further decrease vehicle usage and reduce delivery times. This study evaluated the critical factors for the success of such applications, including the number of seats utilized and key features that benefit both drivers and passengers. The goal was to provide insights into how mobile apps can contribute to a more sustainable and efficient transportation system.

Keywords: *mobile application, ridesharing, parcel delivery*