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EcoRide: Car Sharing Platform for Efficient and Affordable Commuting

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Abstract: *This paper presents a comprehensive analysis of multiple facets related to ride-sharing. The study showcases its benefits, ranging from economic savings and traffic decongestion to environmental improvements that support sustainable urban development. It also explores logistical and social barriers to carpooling while suggesting practical remedies. Additionally, technological advancements and innovative design solutions such as specialized lanes and intelligent matching algorithms are examined to reflect ongoing innovation in this sector. This review amalgamates different viewpoints to underline the potential of carpooling as a transformative element in addressing urban mobility challenges.*

Keywords: Carpooling, Urban Sustainability, Traffic Reduction, Ride-Sharing, Fuel Efficiency

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