

Developing a software system to support a vehicle rental model

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Abstract: In the context of sustainable development of the transportation industry, building a software system to support the car-sharing model becomes extremely important. This topic aims to solve the problem of efficient allocation and optimization of vehicle usage through the development of a digital platform-based system. The research methodology includes both theoretical modeling of transport demand and empirical evaluation of system performance. The expected results not only improve the quality of car-sharing services but also contribute to the sustainable development of the transportation industry.

Keywords: Software system, vehicle rental, transportation model, digital, sustainable development