DESIGNING AND MANAGING CAR RENTAL PLATFORM FOR CAR OWNERS AND RENTERS

A Project Report submitted for the fulfilments of one of the requirements for the award of the degree of

Bachelor of Technology

In

Computer Science and Engineering

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AVANTHI INSTITUTE OF ENGINEERING &TECHNOLOGY

(Approved by AICTE, New Delhi & Permanently affiliated to JNTU-GV)

(Accredited by NAAC, UGC & NBA, AICTE)

MAKAVARAPALEM, NARSIPATNAM,VISAKHAPATNAM-531113

(2020-2024)

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CERTIFICATE

This is to certify that the project entitled "**DESIGNING AND MANAGING CAR RENTAL PLATFORM FOR CAR OWNERS AND RENTERS**" in partial fulfillment for the of degree of **Bachelor of Technology** in **COMPUTER SCIENCE AND ENGINEERING**, at AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, MAKAVARAPALEM, VISAKHAPATNAM is an bonafied work carried out by P.J.VAISHNAVI (20811A0574) , P. PRAKASH (20811A0578) , M.MOUNIKA (21815A0511) , S. BHARGAV SAI (20811A0594), K. TARAKNANDA (21815A0509) under the guidance and supervision during 2023-2024.

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ABSTRACT

Car Rental System: A Peer-to-Peer Marketplace for Convenient and Personalized Vehicle Rentals

The Car Rental System provides a user-friendly platform for car owners and renters to connect directly. This system caters to a growing demand for alternative car rental solutions, offering greater flexibility and potentially lower costs compared to traditional rental agencies. This platform leverages a two-sided user model. Owners can create profiles to showcase their vehicles with detailed descriptions, high-quality pictures, and competitive pricing. They can easily manage and update their car information, including about the car, its features, and any special terms. Additionally, the system facilitates communication between owners and potential renters. Customers can create profiles and search for vehicles based on their specific needs, such as location, car type, and budget. They can directly contact owners to inquire about the car and negotiate rental terms. To further enhance the user experience, the system allows customers to write reviews about their rental experiences, creating transparency and trust within the community. This peer-to-peer car rental system fosters a convenient and personalized car rental experience for both owners and customers. By creating a user-friendly, secure, and transparent car-sharing platform, this project aims to address the evolving needs of the transportation landscape. In essence, this car rental system dismantles traditional rental limitations by cultivating a community-driven environment built on transparency, direct communication, and a user-centric approach. By empowering both car owners and renters, the system creates a win-win situation for all parties involved, revolutionizing the car rental experience for the modern world.