"VEHICLE AUCTION SYSTEM"

"Problem Solving Through Programming (JAVA)"

BACHELOR OF TECHNOLOGY

In

DEPARTMENT OF FRESHMAN ENGINEERING

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Declaration

The Project Report entitled **"VEHICLE AUCTION SYSTEM "** is a record of Bonafide work of **K.MOHITH : 2520030520, V.SAI NIKHIL:2520030255, M.SIDDHARTH:2520090026, N.NISHANTH:2520030313, CH.POONESH:2520040097, S.GURU CHARAN:252009006** submitted in partial fulfillment of the requirements of the course titled "Problem Solving Through Programming (JAVA)" under the B.Tech Ist Year Trimester - I program in Department of Freshman Engineering at K L University. The results presented in this report have not been copied from any other department, university, or institute.

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CERTIFICATE

This is certify that the java project based report entitled **"VEHICLE AUCTION SYSTEM"** is a bonafide work done and submitted by **K.MOHITH : 2520030520, V.SAI NIKHIL:2520030255, M.SIDDHARTH:2520090026, N.NISHANTH:2520030313, CH.POONESH:2520040097, S.GURU CHARAN:252009006** in partial fulfillment of the requirements of the course titled "Problem Solving Through Programming (JAVA)" under the B.Tech Ist Year Trimester **-** I program in Department of Freshman Engineering, K L (Deemed to be University), during the academic year **2025-2026.**

Signature of the Guide

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ACKNOWLEDGEMENT

The success in this project would not have been possible but for the timely help and guidance rendered by many people. Our wish to express my sincere thanks to all those who has assisted us in one way or the other for the completion of my project.

Our greatest appreciation to my Course Coordinator **Dr Y Ashok**, and my guide **K RAMAKANTH SIR,** Department of Freshman Engineering which cannot be expressed in words for his/her tremendous support, encouragement and guidance for this project.

We express our gratitude to **Dr. N. Chaitanya Kumar**, Head of the ***Department for Freshman Engineering*** for providing us with adequate facilities, ways and means by which we are able to complete this project-based Lab.

We thank all the members of teaching and non-teaching staff members, and also who have assisted me directly or indirectly for successful completion of this project. Finally, I sincerely thank my parents, friends and classmates for their kind help and cooperation during my work.

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VEHICLE AUCTION SYSTEM

ABSTRACT

A Vehicle Auction System is an online platform designed to facilitate the buying and selling of vehicles through a transparent and efficient auction process. It allows sellers to register their vehicles by providing details such as brand, model, year of manufacture, condition, and starting bid price. Buyers can then browse available listings, participate in live auctions, and place competitive bids in real time.

This system helps eliminate the limitations of traditional, in-person vehicle auctions by offering convenience, wider reach, and time efficiency. It can be enhanced with features such as secure user authentication, payment integration, automatic bid updates, and detailed reports for both buyers and sellers. Overall, a Vehicle Auction System improves the vehicle trading experience by combining automation, transparency, and accessibility, making it a valuable solution for individuals and

dealerships alike.

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CHAPTER -1 INTRODUCTION

1.1 Background of the Project

The Vehicle Auction System in E-Commerce addresses the growing demand for convenient, transparent platforms to buy and sell used, salvage, or specialty vehicles online, bridging traditional auto auctions with digital marketplaces. This project tackles challenges like geographic limitations, time-consuming physical inspections, and limited access for buyers and sellers by enabling real-time bidding, detailed vehicle histories, and secure transactions. Emerging from the evolution of online auctions since the 1990s, it capitalizes on E-Commerce trends accelerated by the COVID-19 pandemic.