**An Real Time Project (CS456PC)**

on

**“CAR SHOWROOM APPLICATION”**

submitted

in the partial fulfilment of the requirements for the

award of the degree of

**Bachelor of Technology**

**in**

**Computer Science and Engineering**

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**ABSTRACT**

The Multi-City Car Showroom Application is a sophisticated Python GUI-based solution designed to streamline the car browsing experience across various cities. This application integrates seamlessly with multiple showrooms, offering users an extensive collection of vehicles to explore and compare.

The key feature of this application lies in its powerful filtering mechanism, providing users with a tailored and efficient search experience. Multi-City Car Showroom Application with Comprehensive Filtering Mechanism, contrasting its features and advantages against traditional online car platforms. Developed using Python GUI, this application integrates multiple city showrooms, offering users an extensive selection of vehicles with advanced filters such as colour, model, fuel type, mileage, price, brand, seating capacity, and more.

The Multi-City Car Showroom Application distinguishes itself from traditional online car platforms through a myriad of key features that redefine the car shopping experience. By seamlessly integrating physical showrooms from various cities, this application establishes a direct link between users and local dealerships, fostering a personalized connection that goes beyond the virtual realm. Real-time updates on local inventories ensure users access the latest information on available cars and prices, a feature absent or less prominent in conventional online car platforms that rely on periodic updates. The user-friendly Python GUI enhances engagement through an intuitive interface, while the emphasis on physical presence and potential test drive opportunities sets the Multi-City Car Showroom Application apart, providing users with a holistic and immersive car shopping journey.

**Problem Statement**

* Lack Of Accesibility.
* Improper Inventory Management.
* Lack Of DataBase Access.
* Less Customer Interaction.
* Delay In Delivery Time.