



Car Rental System

Submitted by:
Gund Mayuri Sandip

INDEX

- Introduction
- Project Scope
- Hardware , Software and Language
- Benefits of Car Rental System
- Limitations of Car Rental System
- ER Diagram
- Future Scope
- Conclusion
- References



INTRODUCTION

Online car rental systems allow customers to reserve vehicles directly through a website or app. This eliminates the need to visit a rental office in person. Users can search for cars based on their needs, compare rates, and book rentals with a few clicks. These systems benefit both renters and rental companies by streamlining the rental process and offering greater flexibility.



PROJECT SCOPE

For Customers:

- Search & book cars (by type, location, date)
- Manage account & rentals
- Securely pay for rentals
- Access additional services (child seats, GPS, etc.)

For Rental Companies:

- Manage car fleet (add, edit, track availability)
- Set pricing & manage inventory
- View & manage customer reservations
- Generate reports & analyze data

Hardware , Software and Language

Hardware

- Processor : i5 core
- RAM : 8 GB
- Hard Disk: 256 GB

Software

- Eclipse
- MySQL Workbench

Language

- Operating System: Windows/Linux
- Database: MySQL
- Programming Language: JAVA



Benefits of Hotel Management

For Customers:

- Book Anytime and Anywhere
- Easy Comparison
- Faster Reservations.

For Rental Companies:

- Streamlined bookings for wider customer reach,
- Efficient operations
- Data-driven decisions.



Limitations of Hotel Management

- Limited car inspection
- Hidden fees
- Internet dependence
- Less flexibility
- Data security concerns

Future Scope

- Mobile car unlock and start
- Advanced car filtering
- AI rental recommendations
- Subscription car access
- Electric/hybrid car focus
- Real-time car pricing
- Improved customer experience

Conclusion

Online car rental systems have become the go-to solution for renting vehicles, offering renters **effortless booking** and **clear pricing** through user-friendly platforms. Rental companies enjoy **increased efficiency** and **wider reach**, while data empowers them to optimize their business. As technology advances, expect a future filled with **cutting-edge features** like remote car unlocking and personalized recommendations, making the car rental experience even more **convenient and delightful**.

References

- www.JavaTPoint.com
- www.GeeksforGeeks.com
- www.W3School.com
- www.tutorialspoint.com