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SILVER OAK COLLEGE OF COMPUTER APPLICATION(SOCCA)

A

Project Report On

CAR SHOWROOM WEBSITE PROJECT

Under the subject of MINOR PROJECT BCA, Semester-III

Submitted By:

Sr. No	Name	Enrollment No.
1	DODIYA MAYUR	2204030100272



Silver Oak College of Computer Application
Bachelor of Computer Application
(BCA)

CERTIFICATE

Date:

This is to certify that the project entitled “**CAR SHOWROOM WEBSITE PROJECT**” has been carried out by “**DODIYA MAYUR(2204030100272)**”

under my guidance in fulfillment of the MINOR-PROJECT-1(2040233293), 3rd Semester, Degree of Bachelor of Computer Application of Silver Oak University, Ahmedabad during the academic year 2023.

Prof. Harshad Prajapati
Assistant Professor(SOCCA)

Prof. Aakash Desai
Head of Department(SOCCA)



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CANDIDATE'S DECLARATION

We have finished our project report entitled "**CAR SHOWROOM WEBSITE**" and submitted it to our respective guide. We are in the 3rd semester and we have tried to give our best. We have done our work honestly and in a good way.

S.No.	Name of Student	Enrollment Num	Signature
1	DODIYA MAYUR RAJPUT	2204030100272	



ACKNOWLEDGEMENT

We would like to extend our hearty thanks with a deep sense of gratitude and respect to all those who provided us with immense help and guidance during our project.

We would like to thank our Head of Department Mr. AAKASH DESAI for providing a vision about the system. We have greatly benefited from their regular critical reviews and inspiration throughout my work.

We would like to express our sincere thanks to our internal guide **PROF. HARSHAD PRAJAPATI** respectively, who gave us an opportunity to undertake such challenging and great innovative work. We are grateful to them for their guidance, encouragement, understanding and insightful support in the development process.

Last but not least we would like to mention here that we are greatly indebted to each and everybody who has been associated with our project at any stage but whose name does not find a place in this acknowledgment.

Yours Sincerely,

DODIYA MAYUR S. (2204030100272)



ABSTRACT

Project Title: Car Showroom Management System Objective: The objective of this project is to develop a comprehensive management system tailored for car showrooms, streamlining various aspects including inventory management, customer interactions, and service requests.

Scope: The system covers a wide range of functionalities, from managing vehicle details to handling customer inquiries and service requests. It aims to enhance the efficiency and customer satisfaction levels of car showrooms.

Key Features:

1. *Inventory Management:* Tracks vehicle details, including make, model, year, and price.
2. *Customer Interaction:* Manages inquiries, quotations, and customer profiles.
3. *Service Requests:* Handles requests for repairs, maintenance, and other services.
4. *User Authentication:* Provides secure access control for employees and administrators.
5. *Reporting:* Generates various reports for sales, customer interactions, and inventory status.

Technologies Used: PHP, MySQL, Bootstrap, JavaScript, and OpenAI's ChatGPT for customer interactions.

Significance: The system addresses the challenges faced by car showrooms in managing their inventory, handling customer inquiries effectively, and providing prompt service requests. It enhances the overall operational efficiency of the showroom.

User Roles:

1. *Administrator:* Manages user accounts, settings, and oversees overall system functionality.
2. *Sales Representatives:* Handle customer interactions, generate quotations, and process sales.

Service Personnel: Manage service requests, assign tasks, and track repair progress.

Development Process: The project was developed using PHP for server-side scripting, MySQL for database management, and Bootstrap for front-end design. The integration of ChatGPT facilitates automated customer interactions.

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INTRODUCTION TO CAR SHOWROOM WEBSITE PROJECT

1. Project Overview: -->The Car Showroom Website Project is a sophisticated web-based application designed to optimize the operations of automotive showrooms.

2. Purpose:

-->This project aims to provide an integrated platform that enhances customer interactions, streamlines inventory management, and facilitates efficient service requests for car showrooms.

3. Industry Significance:

-->In today's competitive automotive industry, the effectiveness of showroom operations directly impacts customer satisfaction and business success. This project addresses the critical need for a modernized and customer centric approach

4. Key Features:

-->The project integrates inventory tracking, customer inquiry management, service request handling, and a responsive AI-powered chat system. These features collectively enhance the overall customer experience.

5. Technological Stack:

-->Leveraging PHP for server-side scripting, MySQL for database management, Bootstrap for front-end design, and incorporating OpenAI's ChatGPT for natural language processing, this project embodies a robust technological foundation.

6. Anticipated Benefits:

-->Through automation and process optimization, the Car Showroom Website Project is poised to significantly improve showroom efficiency, customer satisfaction, and ultimately, the competitive position of car showrooms in the market.



OBJECTIVE OF THE PROJECT

1. Enhanced Customer Engagement:

--> Foster increased customer interaction through intuitive UI/UX design, live chat support, and personalized service inquiries.

2. Efficient Inventory Management:

--> Implement a streamlined system for tracking, updating, and managing the showroom's car inventory, ensuring accurate availability information.

3. Optimized Service Request Handling:

--> Provide a seamless process for customers to request services such as repairs, information, sales, and expertise, improving response times and satisfaction levels.

4. AI-Powered Assistance:

--> Integrate ChatGPT to offer natural language processing for personalized, round-the-clock customer support and information retrieval.

5. Data-Driven Decision Making:

--> Enable showroom administrators to make informed decisions by providing comprehensive data analytics and reporting on customer interactions, inventory turnover, and service requests.

6. Competitive Advantage:

--> Elevate the car showroom's market position by delivering a technologically advanced and customer-centric experience, setting it apart from competitors.



SYSTEM SPECIFICATIONS

1. Operating System:

-->The website is designed to be compatible with various operating systems including Windows, macOS, and Linux.

2. Web Browser Compatibility:

-->The website is optimized for popular web browsers such as Google Chrome, Mozilla Firefox, Microsoft Edge, and Safari.

3. Internet Connection:

-->A stable internet connection is required to access and interact with the website seamlessly.

4. Screen Resolution:

-->The website is designed to be responsive, supporting various screen resolutions including desktops, laptops, tablets, and mobile devices.

5. Hardware Requirements:

-->The website does not have specific hardware requirements and can run on standard computing devices.

6. Browser Plugins:

-->No additional browser plugins or extensions are required to use the website's features and functionalities.



SYSTEM DESIGN

1. Frontend Development:

- >The frontend of the website is built using HTML, CSS, and JavaScript.
- HTML is used for creating the structure and content of the web pages.
- >CSS is applied for styling and layout, providing a visually appealing user interface.
- >JavaScript adds interactivity and enhances user experience.

2. Backend Development:

- >PHP is used as the backend scripting language to handle form submissions and interact with the database.
- >PHP scripts are responsible for processing user input, performing validation, and managing database operations.

3. Database Management:

- >MySQL is the chosen database management system, providing a robust platform for data storage and retrieval.
- >Tables are designed to efficiently store information related to user inquiries and records.

4. User Authentication (Login Page):

- >A simple login system is implemented using PHP sessions for authentication.
- >Valid credentials are compared with predefined values to grant access to authenticated users.

5. File Handling (Form Submissions):

- >PHP handles file uploads for relevant form submissions, allowing users to attach photos or documents.
- >Uploaded files are stored in a designated directory on the server.

6. Responsive Design:

- >The website is designed to be responsive, ensuring optimal user experience across various devices including desktops, laptops, tablets, and mobile phones.
- >Bootstrap framework is utilized for responsive design elements.



PROTOTYPE

1. Wireframes and Mockups: -->The project started with creating wireframes and mockups using design tools like Adobe XD or Sketch.

-->These wireframes served as a visual guide for the layout and structure of the website.

2. Interactive Clickable Prototype:

-->The wireframes were then converted into an interactive, clickable prototype using prototyping tools like InVision or Figma.

-->This allowed for a simulated user experience, demonstrating the flow of navigation and interactions.

3. User Interface (UI) Design:

-->The prototype included the finalized user interface design, incorporating color schemes, fonts, and visual elements for a cohesive look and feel.

4. Functionality Simulation:

-->The clickable prototype simulated user interactions such as form submissions, dropdown selections, and button clicks.

-->This provided a realistic preview of how the website would function in a real-world scenario.

5. Feedback and Iteration:

-->The prototype was shared with stakeholders and potential users to gather feedback on usability and design.

-->Iterations were made based on the feedback received to enhance the user experience.

6. Validation of Design Concepts:

-->The prototype served as a tool for validating design concepts and ensuring that the website's layout and functionality met the project requirements.

The prototype phase was crucial in visualizing and refining the user experience before moving on to the actual development process.



SCREENSHOTS OF YOUR PROJECT

The screenshot shows a dark-themed website for MKDP.PVT. The header features the logo 'MKDP.PVT' and a navigation menu with links to Home, About, Service, Work, Contact, and Records. The main banner image is a close-up of a car's headlights at sunset. Text on the banner includes 'Welcome to MKDP.PVT.LTD Car Showroom' and 'Your Ultimate Destination for Quality Cars'. Below the banner, the text 'Car Expertise' is visible.

The screenshot shows the 'About' page of the MKDP.PVT website. The header is identical to the homepage. The main content features a large image of a Ford Mustang. The title 'About MKDP.PVT.LTD Car Showroom' is prominently displayed. Below the title, a paragraph welcomes visitors and states the team's dedication to providing quality cars. A section titled 'Our Range Experience Commitment' lists three pillars: 'Wide Selection', 'Vehicle Information', and 'Expert Advice', each with a brief description.

Our Services



MKDPP.PVTservices

Home About Service Work Contact Records



Car Sales

Explore a wide range of cars to meet your preferences. From sleek sedans to powerful SUVs, we have the perfect car for you.

[Learn more](#)



Car Information

Get expert insights, reviews, and detailed information about various car models. Stay updated on the latest trends and technologies in the automotive industry.

[Learn more](#)



Car Services

Our team of automotive professionals is here to provide you with expert advice and recommendations. Trust in our expertise to make informed decisions about your car choices.

[Learn more](#)



Car Repair

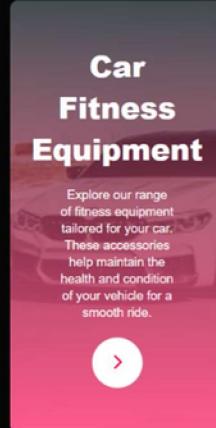
We offer reliable car repair services. Whether it's a mechanical issue or an electrical problem, our technicians can get your car back in optimal condition.

[Learn more](#)

Our Car Accessories

MKDPP.PVTcar Accessories

Home About Service Work Contact Records





MKDPPVT
MKDP.PVT.LTD

info@mkdpshowroom.com
 1800-123-4567

Welcome to MKDP.PVT.LTD! We're your premier destination for top-quality cars and automotive services. Our team is dedicated to ensuring you find the perfect car for your needs. Reach out to us via email at info@mkdpshowroom.com or give us a call 1800-123-4567.

Stay updated with our latest offerings and news by connecting with us on social media:

Our showroom is open from Monday to Saturday, 9:00 AM to 7:00 PM. Feel free to reach out for any inquiries or assistance.

Choose Our Service:
Home About Service Work Contact Records

Choose Our Work:
Choose Our Work
Cars Health Supplement
Cars Fitness Equipment
Cars Nutrition Plans
Cars Wellness Workshops

Your Phone Number

Your Message

Upload Cars Photo (required for Cars Repair and to view its status):
 No file selected.

MKDPPVT

Welcome to MKDP.PVT.LTD! We're your premier destination for top-quality cars and automotive services. Our team is dedicated to ensuring you find the perfect car for your needs. Reach out to us via email at info@mkdpshowroom.com or give us a call 1800-123-4567.

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Our showroom is open from Monday to Saturday, 9:00 AM to 7:00 PM. Feel free to reach out for any inquiries or assistance.

Your Email

Your Phone Number

Your Message

Upload Cars Photo (required for Cars Repair and to view its status):
 No file selected.

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MKDPP.PVT

Welcome to MKDPP.PVT.LTD! We're your premier destination for top-quality cars and automotive services. Our team is dedicated to ensuring you find the perfect car for your needs. Reach out to us via email at info@mkdppshowroom.com or give us a call at 1800-123-4567.

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Your Email:

Your Phone Number:

Your Message:

Upload Cars Photo (required for Cars Repair and to view its status):

Browse... No file selected.

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Admin Login

Username:

Password:



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Customers Data Records

[Log Out](#)

ID	Service	Work	Name	Email	Phone	Message	Submission Date
15	Cars Sales	Cars Fitness Equipment	sdv	sdv@adasd	sdv	sdv	2023-10-11 18:52:44
16	Cars Sales	Cars Health Supplement	DODIYA MAYUR	xyz@gamli.com	1234567890	this is test 1	2023-10-11 19:26:59
17	Choose Our Service	Choose Our Work	q	q@a	12		2023-10-11 19:34:47
18	Cars Sales	Choose Our Work	q	q@q	12	12	2023-10-11 19:38:22
19	Choose Our Service	Choose Our Work	MAYUR	a2@a	12		2023-10-11 19:41:18
20	Cars Sales	Cars Health Supplement	MAYUR	a2A@gmail.com	1234567890	fa	2023-10-11 19:46:21



CONCLUSION

1. Enhanced User Experience:

-->The Car Showroom Website Project aimed to provide an intuitive and userfriendly experience for visitors interested in exploring and interacting with the showroom's offerings.

2. Effective Integration of Technologies:

-->The project successfully integrated various technologies including HTML, CSS, JavaScript, PHP, and MySQL to create a seamless and dynamic web application.

3. Streamlined Inquiry Management:

-->The implemented backend functionalities allowed for efficient handling and storage of user inquiries, contributing to improved customer service and engagement.

4. Scalability and Future Expansion:

-->The modular architecture and well-organized codebase provide a foundation for scalability and future enhancements to accommodate evolving business needs.

5. Collaborative Development Process:

-->Utilizing version control systems like GitHub facilitated collaborative development, enabling multiple team members to contribute effectively to the project.

6. Continuous Improvement and Maintenance:

-->Ongoing maintenance and updates will be essential to ensure the website remains

current, secure, and aligned with user expectations and industry trends.

The Car Showroom Website Project represents a successful integration of technology and design to create a platform that enhances the user experience and supports the business objectives of the showroom. With a solid foundation in place, the project is poised for future growth and development.