

ARTTIFAI TECH

UNIX Website

Project Idea: AutoCart -A UI/UX E-Commerce Website for Buying & Selling Cars Aim:

To design and develop a **modern automobile e-commerce platform** that provides users with a seamless experience for **buying, selling, and exploring cars online**. The website will offer **intuitive navigation, 360-degree car views, advanced search filters, and a smooth checkout process** to enhance the customer experience.

Key UI/UX Focus Areas:

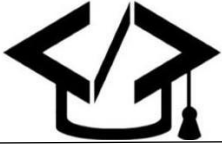
- **Intuitive User Journey:** Ensuring seamless navigation from car selection to checkout.
- **Engaging Visuals & Micro-Interactions:** Smooth animations, hover effects, and interactive car browsing.
- **Advanced Filtering System:** Allowing users to find cars based on **brand, price range, mileage, fuel type, transmission, and more**.
- **Secure & Fast Checkout:** Simplified booking and payment options for a smooth buying experience.
- **Seller & Buyer Dashboard:** Managing listings, inquiries, and purchases in one place.

Objectives:

UI (User Interface) Objectives:

- Develop a **visually stunning homepage** showcasing featured cars and deals.
- Create a **modern and clean layout** with high-resolution images.
- Implement **interactive car previews** (360-degree views, color changes, interior previews).
- Use **consistent branding, typography, and color schemes** for a premium feels.
- Ensure **mobile responsiveness** for a seamless experience across devices.

UX (User Experience) Objectives:



- Provide a **smooth browsing experience** with easy-to-use navigation.
- Offer **detailed car descriptions, customer reviews, and ratings**.
- Design a **hassle-free checkout system** with multiple payment options.
- Implement **personalized recommendations** based on user preferences.
- Allow users to **save cars to a wishlist** and compare multiple models side by side.

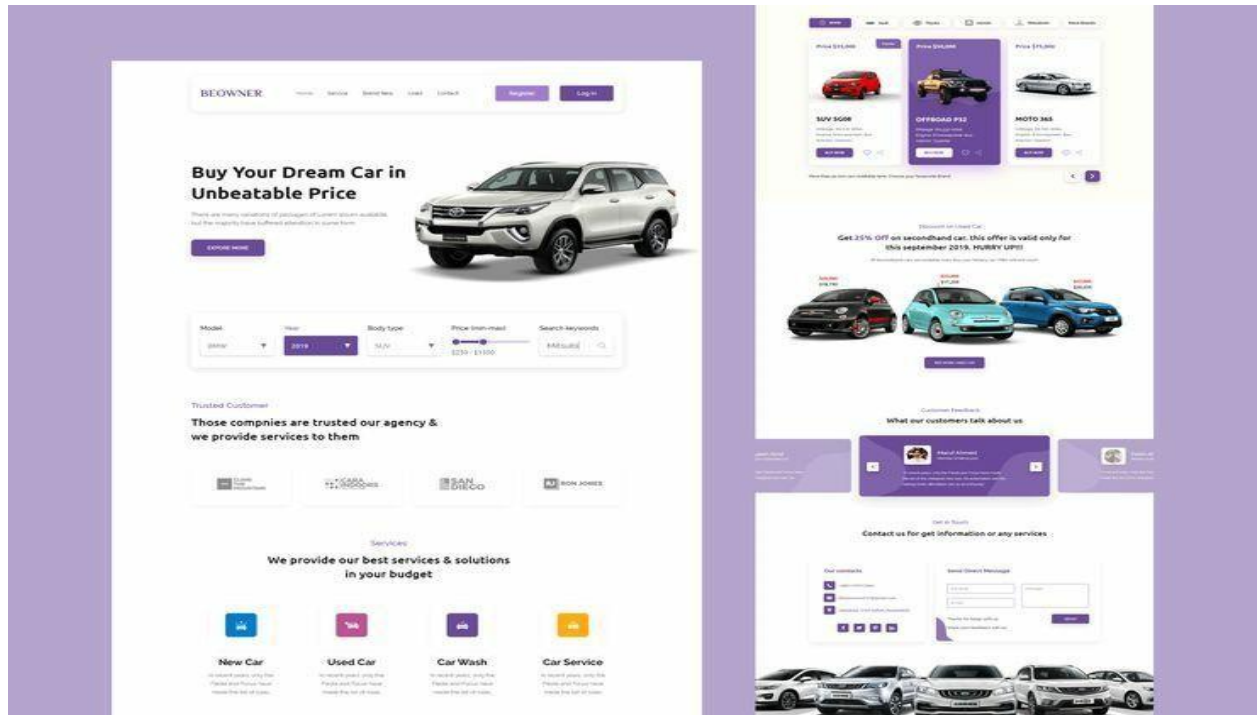
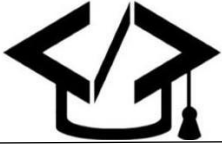
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Expected Output:

A **fully functional high-fidelity UI/UX prototype** of an automobile e-commerce website that includes:

- **Interactive Homepage:** Featuring **new arrivals, trending cars, and special offers**.
- **Advanced Search & Filters:** Sorting cars by **brand, price, fuel type, transmission, and more**.
- **3D Car Viewing Experience:** Users can rotate, zoom, and view cars in **360-degree mode**.
- **Car Comparison Feature:** Side-by-side comparison of specifications, pricing, and features.
- **Product Detail Page:** Detailed **car specifications, user reviews, financing options, and seller contact**.
- **Secure Checkout Process:** Allowing users to book a test drive or purchase a car with a **payment gateway integration**.
- **Seller Dashboard:** Sellers can **list, manage, and update** their car listings.
- **Mobile & Web Responsive Design:** Ensuring an optimal experience across devices.

SAMPLE OUTPUT:



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NOTE:

- The completed project must be uploaded to the student's own GitHub repository.
- The GitHub repository must be public for evaluation purposes.
- The repository link should be submitted via the Google Form:

<https://forms.gle/tNFMkX5wt343vpCo7>

REFERENCE:

<https://youtu.be/dTp0c41XnrQ?si=IRtPHWWEqLFtSadh>