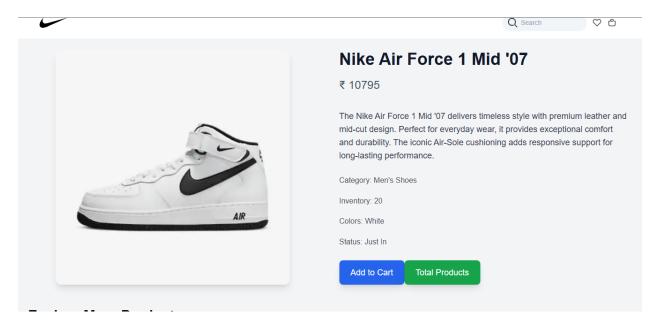
Features Implemented

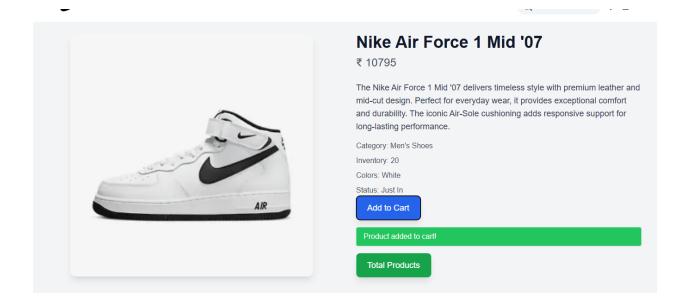
1. Product Details Page

- **Description**: The Product Details Page dynamically loads specific product information such as name, image, description, and price fetched from Sanity CMS.
- Key Functionality:
 - Each product is displayed with its image and key details.
 - Users can view detailed information by clicking on a product.
 - o Dynamic routing is used to show details of a specific product.

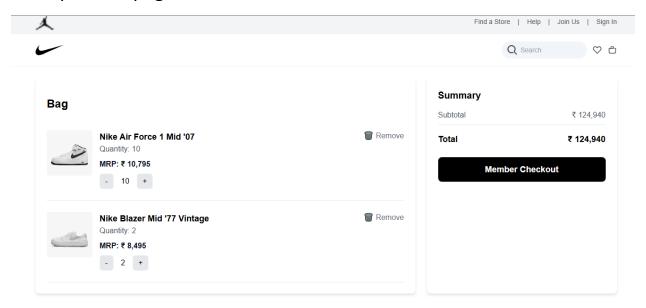


2. Add to Cart Functionality

- **Description**: Users can add products to their shopping cart. The cart's state is maintained using React's useState hook.
- Key Functionality:
 - o Clicking "Add to Cart" adds a product to the cart.
 - The cart updates with each addition, showing how many products are in the cart at any time.

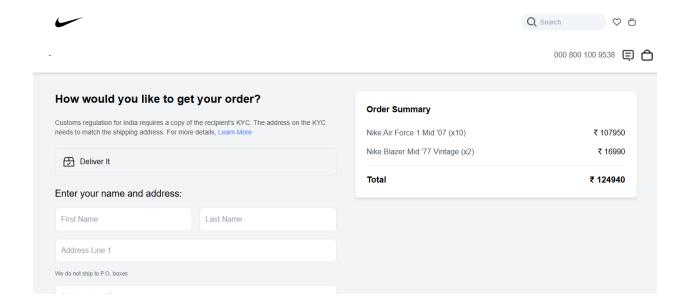


Total product page



Member Checkout Page

- **Description**: The checkout page displays a summary of the cart, including the product names, prices, and the total amount.
- Key Functionality:
 - o Users can see the total price of all items in their cart.
 - o Users can proceed to checkout after reviewing the cart details.



Future Enhancements

1. Cart Persistence:

o Implement cart persistence using localStorage or a backend system to remember the cart across sessions.

2. Payment Gateway Integration:

o Integrate a payment gateway like **Stripe** or **PayPal** for users to make real transactions.

3. User Authentication:

o Allow users to sign up, log in, and save their shopping history.

Technologies Used

- **Next.** is: For server-side rendering, routing, and static page generation.
- Sanity CMS: For managing products and dynamic content.
- **React**: For managing the cart state and handling user interactions.
- **TailwindCSS**: For styling the components and ensuring responsiveness.

Conclusion

This e-commerce project demonstrates a seamless integration of Next.js and Sanity CMS to create a responsive, interactive shopping experience. The project features product details pages, an add-to-cart functionality, and a member checkout page. Future enhancements will focus on adding payment functionality and improving the overall shopping experience.