MERN Stack Training
Company: Sensation Software Solutions
Student Name: Tajinder Kaur
Training Duration: 6 Months
Days: 83

Objective

The objective of Day 83 was to implement the **Order History page**, enabling users to view their past orders, including product details, quantities, total cost, and order dates. This feature required backend support for fetching user-specific orders and frontend UI design to display the data clearly and responsively.

Work Done

- **Backend Orders API**
  Created GET `/orders/user/:id` endpoint to fetch orders for authenticated users. Authentication ensured only the correct user could access their orders.

- **Frontend Order History Page**
  Designed a table or list layout showing product names, quantities, total price, and order date. Used responsive styling to ensure readability across devices.

- **Data Binding and Integration**
  Connected frontend fetch calls to backend orders API. Data was displayed dynamically and updated upon page load, providing real-time visibility into past purchases.

- **Authentication Checks**
  Verified that only logged-in users could view order history. Guests were redirected to login page.

- **Styling and Responsiveness**
  Applied Tailwind CSS to maintain consistent spacing, typography, and button styles. Tables or lists adjusted automatically for mobile and tablet screens.

Hands-On Practice

- Fetched multiple orders from backend and verified correct display.
- Checked order details for accuracy, including product quantity and total cost.
- Simulated login/logout scenarios to verify authentication restrictions.
- Tested mobile responsiveness to ensure readability.

Observations

- Users can now track their past orders efficiently.
- Dynamic data binding with backend ensures updated information is always visible.
- Authentication protects user privacy and sensitive information.
- UI is readable, clean, and consistent with the rest of the platform.

Conclusion

Day 83 successfully implemented the **Order History module**, providing users a complete view of their past purchases. Backend integration, frontend display, and responsive design were verified, ensuring the feature is ready for real-world usage.

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