# Day 20 – Daily Diary (Training TR-102)

**Date:** 20 July 2025
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**Topic Covered:** MediKart Project – Cart, Checkout & Orders

### ◆ What I Learned Today:

Day 20 focused on **cart functionality, checkout process, and order management**. I learned how to update cart state, calculate totals, and store order details in the database.

### ◆ Activities Performed:

1. Created cart page to display selected products dynamically.

2. Implemented add, remove, and quantity update functionalities.

3. Connected checkout page to backend API to save orders in MongoDB.

4. Added order summary display and validation.

5. Tested order creation and retrieval via backend and frontend.

### ◆ Skills Gained:

- Managing cart and order state in React using context and state hooks.

- Integrating frontend checkout with backend APIs.

- Storing and retrieving orders in MongoDB.

- Handling dynamic updates and validation in cart and checkout.

**Reflection:**
Cart and checkout functionalities made MediKart closer to a **real e-commerce platform**. I learned how **frontend and backend work together** for user transactions.