

Day 24 – Daily Diary (Training TR-102)

Date: 24 July 2025

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Institute: Guru Nanak Dev Engineering College, Ludhiana

Training Location: STEP GNDEC, Ludhiana

Topic Covered: MediKart Project – Testing, Bug Fixing & Project Completion

◆ What I Learned Today:

Day 24 focused on **final testing, debugging, and project polishing**. I learned how to systematically test all features of MediKart and fix bugs to ensure smooth performance before submission.

◆ Activities Performed:

1. Tested all APIs for user, seller, product, and order functionalities.
2. Verified frontend interactions including cart, checkout, search, and product details.
3. Fixed bugs related to API integration, state updates, and UI responsiveness.
4. Ensured proper error handling and validation in forms and API responses.
5. Reviewed project folder structure, cleaned unused code, and organized components.
6. Conducted final testing on multiple browsers and devices.
7. Prepared the project for deployment and submission.

◆ Skills Gained:

- Systematic testing and debugging of full-stack applications.
- Ensuring data integrity between frontend and backend.
- Polishing UI/UX for final project delivery.
- Organizing and structuring project code for maintainability.

Reflection:

Today's session completed the **MediKart project**, making it fully functional, responsive, and user-friendly. I learned how to **combine all aspects of MERN stack development** — backend APIs, frontend components, state management, and database integration — into a complete application.

Overall, the project enhanced my **full-stack development skills**, improved my problem-solving abilities, and gave me confidence in building real-world web applications.