**Hackathon – E-Commerce Tea Website**

**Tech Stack:**

• **Frontend:** React + Tailwind CSS

• **Backend:** Node.js + Express + MongoDB

• **Auth:** JWT

• **Validation:** express-validator

• **Docs:** Swagger

**What You’ll Build**

**Frontend (React + Tailwind)**

1. **Landing Page** – Navbar, Hero banner, Our Collections section (Black Tea, Green Tea, White Tea, Matcha, Herbal Tea, etc.)

2. **Collections Page** –

◦ **Left Side:** Filters (Collections, Origin, Flavours, Qualities, Caffeine)

◦ **Right Side:** Products grid (Image, Name, Price, Weight)

3. **Single Product Page** – Product details + Add to Cart

4. **Cart Popup** – Small cart in top-right corner

5. **Full Cart Page** – All cart items + total price + checkout button

**Backend (Node.js + Express + MongoDB)**

1. **Product APIs** – Get all, get one, add, update, delete

2. **Cart APIs** – Add to cart, get cart, update qty, remove item

3. **User Auth (JWT)** – Register, login (only logged-in users can manage cart)

4. **Validation** – Use express-validator for clean input checks

5. **Swagger Docs** – Document all routes clearly

**Guidelines for Success**

• **Keep it Dynamic** – All data should come from the backend (no hardcoding)

• **Deploy Both** – Host frontend & backend (Vercel, Render, or Railway)

• **Organize Your Code** – Use routes, controllers, models

• **Work Smart & Collaborate** – Divide tasks among team members, help each other

• **Stay Focused** – No AI tools or tutorials — trust your skills!

• **Aim for Completion** – A working project is better than a perfect-but-incomplete one

**Pro Tip:**

Start with backend APIs first, test with Postman, then connect your React frontend.

Keep your commit history clean so you can track your progress.

**Figma Link:**  
  
https://www.figma.com/design/4NYr4CtXR4vS5U00o3kDga/E-commerce-Tea-Website--Community-?node-id=161-32&p=f&t=oU9DybB0JQulYjPn-0