

Build a subscription-based online marketplace called *OnlineCardShow*, designed to simulate a real-life card show experience. Use Vercel for the frontend, Supabase for the backend, and Stripe for payment processing. Ensure a responsive, mobile-first design.

Key Features:

1. User Authentication:

- Secure login/signup via email and OAuth options.
- All users register as *Buyers* by default.
- Users can apply to become *Sellers* with tiered subscription plans.

2. Profiles:

- *Buyers*: Name, email, shipping address, and saved payment details via Stripe.
- *Sellers*: Customizable storefront (logo, banner, name) with a dashboard for tracking sales, revenue, and analytics.

3. Storefronts & Listings:

- Each *Seller* has a personal storefront where they can list cards.
- Listings are categorized by sport, set, year, condition, and price.
- Buyers can filter and search by category, price, and seller.
- Subscription-based listing limits:
 - Free (10 listings/month), Starter (50/month), Pro (200/month), Premium (Unlimited).

4. Subscription Management:

- Tiered plans via Stripe:
 - Free (\$0/month, 10 listings)
 - Starter (\$25/month, 50 listings)
 - Pro (\$75/month, 200 listings)
 - Premium (\$200/month, Unlimited listings)
- 7-day free trial for each paid tier.

- Sellers can upgrade/downgrade dynamically.

5. Transactions:

- Stripe handles payments securely.
- No transaction fees, only subscription fees.
- Email notifications for both buyers and sellers after a successful sale.

6. Shipping:

- Sellers determine shipping costs and formats (e.g., USPS, FedEx, UPS).
- Option to integrate shipping label generation via APIs.

7. Analytics & Dashboard:

- Seller insights: sales trends, most viewed items, and buyer demographics.
- Exportable reports for bookkeeping (CSV format).

8. Admin Panel:

- Manage user accounts, subscriptions, and site-wide settings.

Additional Improvements:

- Modular, reusable components for maintainability.
- RESTful API structure for backend services.
- Clean, modern UI with a card show theme (dark mode option included).
- Tooltips or help icons for onboarding and feature explanations.
- Buyers can favorite items and follow specific sellers.
- Featured listings section for promoted cards.

Generate the initial file structure and sample code for key components like authentication, subscription integration, and listing management. Provide detailed comments explaining the logic.