Great — let’s sketch a two-tier architecture plan for CleanList. This balances speed, professionalism, and long-term scalability without reinventing the wheel.

**CleanList Two-Tier Architecture**

**Tier 1: Marketing + Landing Page (Wix / Squarespace / Webflow)**

📍 Purpose: Attract users, explain the value, collect sign-ups.

* Core Features
  + Hero section: “Scan Your Grocery List → Get Your CleanScore.”
  + How it works (3-step explainer).
  + Waitlist / early access form.
  + Testimonials / trust badges.
  + Blog or educational content (SEO traffic).
* Why no-code here?
  + Wix/Webflow give you beautiful, mobile-first design out of the box.
  + You get a custom domain (cleanlistapp.com) with SSL automatically.
  + Easy to update without touching code.
* Connection to App
  + Include a “Sign In / Try the App” button that redirects to your Streamlit app.
  + Waitlist form can integrate with Mailchimp, Airtable, or Zapier.

**Tier 2: Product App (Streamlit + Firebase + Stripe)**

📍 Purpose: Deliver the actual value (CleanScore, grocery list management, swaps, analytics).

* Core Features
  + User authentication (Streamlit Authenticator + Firebase).
  + Grocery list input (manual + OCR upload).
  + Ingredient parsing + CleanScore algorithm.
  + Autocomplete for items.
  + Swap recommendations (healthy alternatives).
  + Saved history in Firestore.
  + Stripe paywall for premium features.
  + Analytics dashboard (trends, flagged ingredients).
* Why custom code here?
  + You need ML/AI integration (OCR, NLP, scoring).
  + You need custom data storage & retrieval (users, lists, CleanScores).
  + You need role-based dashboards (admin vs. user).
  + These features simply cannot be done on Wix/Squarespace.

**How They Work Together**

1. User finds CleanList on Google / social / ads → lands on Wix site.
2. If interested → joins waitlist or clicks “Try App”.
3. Redirected to your Streamlit app (hosted on Streamlit Cloud).
4. Logs in, uploads grocery list, gets CleanScore + recommendations.
5. Data stored securely in Firebase, payment handled via Stripe.

**Scaling Path (Phase 2+)**

* As traction grows, you can:
  + Replace Streamlit with Next.js + FastAPI/Django backend for more polished UX.
  + Keep Wix for marketing, or migrate landing page into your custom frontend.
  + Eventually integrate the two into a single seamless mobile/web app.

✅ Summary:

* Use Wix/Webflow for what they’re best at (marketing, design, SEO).
* Use Streamlit for what only custom code can deliver (CleanList’s core logic + data-driven personalization).
* This hybrid approach saves you time now, but leaves the door open to scale later.

Would you like me to design the actual wireframe layouts for both tiers (landing page + app), so you can visualize the full user journey?