Plan of Action: Onboarding Quiz Implementation (9-Category Version)

This plan is updated to reflect your finalized 9 aesthetic archetypes and 18-question quiz.

Phase 1: Supabase Backend Migration (The Update)

1. **Run the Updated SQL Schema:**
   - You've already created the initial tables, which is great. Now you need to update them.
   - Take the code from the new supabase_schema_9_categories.sql file.
   - Go to your Supabase project's **SQL Editor** > **New Query**.
   - Paste the entire script and click **RUN**.
   - This will alter your user_aesthetic_profiles table to include columns for all 9 archetypes, ensuring it matches your new framework.
2. **Populate Quiz Content (As Planned):**
   - Manually add your 18 questions and their corresponding image URLs into the quiz_questions table.
   - For each question, add the four answer choices to the question_options table.
   - **Crucially, populate the aesthetic_scores JSON for each option exactly as defined in your "Architectural Aesthetic Quiz_ Revised Implementation Guide.pdf"**. For example, for Question 1, Image A, the scores would be {"modernist": 5, "austerist": 2}.

Phase 2: React Frontend Implementation (The User Experience)

1. **Authentication Flow Logic (App Entry Point):**
   - This logic remains the same. When a user logs in, check the onboarding_quiz_complete flag in their user_aesthetic_profiles record.
   - If false or the record is missing, redirect to the quiz.
   - If true, proceed to the home screen.
2. **Use the Updated Quiz Component (OnboardingQuiz.jsx):**
   - The provided component is now pre-loaded with your first three quiz questions and their exact scoring.
   - It fetches all questions from Supabase and displays them one by one.
   - When the final question is answered, it triggers the submission logic.
3. **Implement Updated Scoring and Submission Logic:**
   - The submitQuiz function in the component is already configured for your 9 archetypes.
   - It aggregates the points for each of the 9 categories based on user answers.
   - It calls a Supabase upsert to save the final scores and set onboarding_quiz_complete to true.
   - It then navigates the user to the home screen. *Note: Subtype resolution (e.g., Industrialist -> Infrastructuralist) should be handled as a separate step after the main profile is created, potentially in an edge function or on the client when displaying the profile.*

Phase 3: Home Screen Display (The Payoff)

1. **Use the Updated Home Screen Component (HomeScreen.jsx):**
   - This component now fetches and understands the 9-category user profile.
   - It passes the 9 affinity_ scores to the DonutChart component.
2. **Display the 9-Category Donut Chart:**
   - The chart component is configured with a 9-color palette.
   - It visually represents the user's aesthetic profile based on their live quiz results.

This updated plan gives you a clear path to launch the quiz with your new, more detailed framework.