

LottiBaby – Babywetter One-Pager

What it is

Babywetter is an Expo/React Native screen that turns live weather into baby-specific dressing guidance. It combines OpenWeatherMap data with baby profile details to suggest safe, context-aware outfits.

Who it is for

- Caregivers who need quick, situation-aware outfit tips for their baby.

What it does

- Fetches weather via current GPS, ZIP code, or city search; shows temperature, feels-like, humidity, wind, and icon.
- Lets users pick a context (stroller, carrier, indoor, sleeping, car seat) and optionally set a felt temperature for indoor or sleeping modes.
- Calculates effective temperature using humidity/heat index, wind chill, context modifiers, and baby age/weight percentile.
- Builds layer-by-layer outfits (base, bottom, mid, outer, accessories) with swap-able alternatives and safety rules for car seats.
- Surfaces daily tips and warnings (heat, cold, carrier warmth, rain or wind cues).
- Falls back to mock weather data if location permission or API calls fail so recommendations stay available.

How it works (architecture)

- UI: `app/(tabs)/babyweather.tsx` renders Themed components and LiquidGlass cards inside Expo Router navigation.
- State & context: `BabyStatusContext` pulls baby age/percentile from Supabase; `NavigationContext` supplies smart back navigation; `AuthContext` wraps Supabase auth.
- Services: `lib/weatherService.ts` calls OpenWeatherMap using endpoints and key from `lib/config.ts`; `expo-location` provides coordinates.
- Logic: `updateClothingRecommendations` computes temperature bands, hero copy, layer slots, accessories, and meta cards from weather + context + baby modifiers.
- Data layer: Supabase client in `lib/supabase.ts` caches sessions and backs shared features across the app.

How to run

- Install prerequisites: Node.js 20+, npm/yarn, and Expo CLI.
- Install dependencies: `npm install` in the repo root.
- Configure keys as needed: OpenWeatherMap API key in `lib/config.ts`; Supabase URL/key and RevenueCat public keys per README.
- Start the dev server: `npm start` (or `npm run ios` / `npm run android` / `npm run web`).
- Open via Expo Go, simulator, or an Expo development build to test the Babywetter tab.