

# 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.