

NestMap - Clean Handoff Checklist for Replit Agent

1. Codebase Cleanliness

- Clear folder structure (/client, /server, /lib, /types, etc.)
- All API routes and utils modularized (/api/trips, /api/ai, etc.)
- Environment variables managed with .env and .env.example
- Remove any unused components, console logs, or test data
- Comments in core logic (AI calls, trip processing, map rendering)

Ask: Refactor the repo with a clean folder structure, remove test/demo logic, and ensure .env.example is up-to-date.

2. Replit Environment Stability

- replit.nix or .replit file defines proper run behavior
- Proxy support for OpenAI keys (no front-end exposure)
- Server starts without port conflicts or async issues
- API base URL consistent across frontend and backend

Ask: Ensure secrets are only on server side. Confirm APIs work in preview and deployment.

3. AI Integration Robustness

- Error handling on OpenAI responses
- Retry or fallback logic if OpenAI parsing fails
- Rate limiting or warning logic
- Each assistant tool works independently (import, suggest, summarize)

Ask: Add fallback handling for OpenAI and test each tool in isolation.

4. Supabase Schema & Persistence

- Tables: users, trips, activities, notes, collaborators
- Auth is token-based and persists sessions correctly
- Data security: users cannot access others' trips
- Optional: include seed data or demo trip

Ask: Use normalized schema with foreign keys. Confirm secure queries and cascade behavior.

5. Mapbox Optimization

- Map centers and zooms correctly on all screen sizes
- Pins do not overlap UI elements
- Route lines connect stops in trip order
- Optional: clustering or resize support for many stops

Ask: Refactor map for layout consistency and performance.

6. UI Polish & Responsiveness

- Sidebar and map do not overlap on mobile
- Add Activity + Assistant buttons always accessible
- Scroll/spacing optimized for all viewports
- Trip cards visually aligned and mobile safe

Ask: Confirm UX with real user data on mobile and desktop.

7. Deployment Readiness

- Production base URL defined
- Dev logs disabled
- Configured for Replit deployment OR ready to export to Vercel
- Optional: GitHub CI/CD support

Ask: Ensure deployment is working and includes easy one-line setup.

8. Transfer & Handoff for Sale or Pitch

- README.md with setup instructions
- Supabase schema export or migration script
- .env.example with all required keys
- Screenshots and/or public demo link
- Licensing statement (MIT or custom)
- Access instructions for OpenAI, Mapbox, Supabase dashboards