



# Pam 2.0 Priority Roadmap

This roadmap defines the exact order to build Pam 2.0, with reasoning for why each track comes first.

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## 1. Track A – Core Infrastructure (Foundation First)

- **What:** Repo, staging/prod setup, Supabase schema baseline, Gemini integration.
  - **Why First:** Without this, nothing else can function. All modules depend on infra.
  - **Deliverable:**
    - FastAPI backend skeleton
    - Supabase linked + base schema migrated
    - Gemini API wrapper online in staging
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## 2. Track B – Core PAM Modules (Minimum Value Fast)

- **What:** Trip Planning, Wins (budget/expenses), Maintenance.
  - **Why Second:** These deliver the **core value proposition** of Wheels & Wins — travel, money, safety. They also prove the “Savings Guarantee” model early.
  - **Deliverable:**
    - Trip logging + route planner (minimal viable version)
    - Budget tracker linked to Supabase
    - Maintenance/fuel logs with notifications
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## 3. Track D – Voice & Interaction (User Experience Upgrade)

- **What:** Voice (STT/TTS), PAM UI enhancements, real-time interactions.
  - **Why Third:** Adds delight + accessibility for 55+ audience but is **not critical for MVP**.
  - **Deliverable:**
    - Voice commands working in staging
    - Text fallback mode for all voice features
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## 4. Track C – Community & Social (Network Effects)


- **What:** Trip sharing, meetups, social feed.
  - **Why Fourth:** Strong long-term retention, but doesn't block early adopters from testing Trips + Wins. Build only after core modules are stable.
  - **Deliverable:**
    - Trip share posts stored in Supabase
    - Community feed powered by PAM prompts
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## 5. Track E – QA & Release (Stability & Scale)

- **What:** Testing, staging sign-off, production deployment.
  - **Why Last:** Testing is ongoing per track, but final QA ensures clean handoff before release.
  - **Deliverable:**
    - Test Playbook executed fully
    - Bugs resolved
    - Pam 2.0 merged to `main` and live in production
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### **Summary Build Order:**

1. Infrastructure →
  2. Core PAM Modules →
  3. Voice Layer →
  4. Community →
  5. QA & Release
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 This roadmap ensures: - **Fastest path to MVP** (Trips + Wins working ASAP). - **Future-proof modularity** (infra first, modules isolated). - **User delight after core value proven** (voice + community last).