# 🚦 Pam 2.0 Priority Roadmap

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

## **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

## **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

## **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

## **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

## **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

⚡ **Summary Build Order:**  
1. Infrastructure →  
2. Core PAM Modules →  
3. Voice Layer →  
4. Community →  
5. QA & Release

✅ 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).