# Development Workflow

## Local Development Setup

# 1. Clone repository  
git clone https://github.com/your-org/strategic-planning-system.git  
cd strategic-planning-system  
  
# 2. Install dependencies  
npm install  
  
# 3. Start Supabase locally  
npx supabase start  
  
# 4. Copy environment variables  
cp .env.example .env.local  
# Edit .env.local with Supabase credentials from `supabase status`  
  
# 5. Run database migrations  
npx supabase db push  
  
# 6. Generate TypeScript types  
npx supabase gen types typescript --local > types/database.ts  
  
# 7. Start development server  
npm run dev

## Git Workflow

**Branch Strategy**:

* main - Production-ready code
* develop - Integration branch
* feature/epic-1-story-1.1 - Feature branches

**Commit Convention**:

type(scope): subject  
  
[optional body]  
  
[optional footer]

Examples: - feat(initiatives): add create initiative form - fix(budgets): correct funding source validation - docs(readme): update setup instructions

## Code Review Checklist

* TypeScript compiles without errors
* All tests pass
* RLS policies tested for role
* Zod schema validation present
* No console.logs left in code
* Accessibility tested (keyboard navigation)
* Mobile responsive
* Error handling implemented