

# Minimalist Sidebar Sync Summary

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## Changes Made

### 1. Vue/Vite Variant Sync (`minimalist_sidebar_vue_vite`)

#### New files created:

- `src/data/sidebar-data.ts` - Ported sidebar navigation data from React
- `src/services/vibe-kanban.ts` - Vibe Kanban API client (ported from React)
- `src/composables/useVibeKanban.ts` - Vue 3 composable for Vibe Kanban
- `src/composables/useSidebar.ts` - Vue 3 composable for sidebar state
- `src/components/Sidebar.vue` - Main sidebar component
- `src/App.vue` - Root Vue application component
- `src/main.ts` - Vue application entry point
- `tsconfig.json` - TypeScript configuration with path aliases
- `tsconfig.node.json` - Node-specific TypeScript config
- `env.d.ts` - TypeScript declarations for Vite env

#### Updated files:

- `vite.config.ts` - Added Vue plugin
- `package.json` - Added Vue dependencies
- `index.html` - Updated entry point

### 2. Shared Theme (frontend/shared)

#### New files:

- `theme/colors.ts` - Shared color constants for both React and Vue

### 3. Asset Sync

- Copied assets from `frontend/assets/` to Vue variant
- Copied brand images to Vue public folder

### 4. Vibe Kanban Integration

Both React and Vue variants now have:

- API client for Vibe Kanban backend (port 3001)
- WebSocket support for real-time updates
- Dashboard opening functionality
- Connection status indicators

#### Integration points:

- React: `hooks/use-vibe-kanban.ts`, `services/vibe-kanban.ts`
- Vue: `composables/useVibeKanban.ts`, `services/vibe-kanban.ts`

### 5. LazyVim/Neovim Configuration

#### Created at `config/nvim/`:

- `init.lua` - LazyVim bootstrap with project-specific extras
- `lua/config/keymaps.lua` - Project navigation keymaps
- `lua/config/options.lua` - Editor options

- `lua/plugins/ripple-env.lua` - Plugin configuration
- `README.md` - Installation and usage guide

### Features:

- TypeScript/JavaScript tooling (`typescript-tools.nvim`)
- Vue support (Volar)
- Tailwind CSS IntelliSense
- Prettier/ESLint formatting
- LazyGit integration
- Project-specific keymaps for navigating frontend directories
- Pixi-integrated terminal commands

## 6. Pixi Package Management

Verified `pixi.toml` already has:

- `nodejs = ">=22.0,<23"` (LTS "Jod")
- `pnpm = "==10.27.0"`
- Frontend tasks: `frontend-install`, `frontend-dev`, `frontend-build`

## Directory Structure

```
ripple-env/
├── frontend/
│   ├── assets/                      # Brand assets (source of truth)
│   ├── shared/
│   │   ├── theme/colors.ts          # NEW: Shared theme
│   │   └── minimalist_sidebar_react/ # React variant (source)
│   │       ├── hooks/vibe-kanban/    # Vibe Kanban hooks
│   │       └── services/vibe-kanban.ts
│   │       ...
│   │       └── minimalist_sidebar_vue_vite/ # Vue variant (synced)
│   │           ├── src/
│   │           │   ├── composables/      # NEW: Vue composables
│   │           │   ├── data/           # NEW: Sidebar data
│   │           │   ├── services/        # NEW: Vibe Kanban service
│   │           │   ├── components/     # NEW: Sidebar.vue
│   │           │   └── App.vue         # NEW: Root component
│   │           │   ...
│   │           └── vibe-kanban/      # EXISTING (not modified)
│   └── config/
│       └── nvim/
│           ├── init.lua
│           └── lua/
└── pixi.toml                         # Node.js via pixi (verified)
```

## Usage

### Running the Vue Sidebar

```
cd frontend/minimalist_sidebar_vue_vite
pixi run -- pnpm install
pixi run -- pnpm dev
```

## Using LazyVim Config

```
# Option 1: Symlink  
ln -sf /path/to/ripple-env/config/nvim ~/.config/nvim  
  
# Option 2: Named config  
NVIM_APPNAME=ripple-nvim nvim
```

## Vibe Kanban Integration

The sidebar connects to Vibe Kanban at:

- Backend API: <http://localhost:3001>
- Frontend: <http://localhost:3000>

Configure via environment variables:

- `VITE_VIBE_KANBAN_API_URL`
- `VITE_VIBE_KANBAN_FRONTEND_URL`

## Next Steps

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1. Test Vue sidebar with `pixi run -- pnpm dev` in `minimalist_sidebar_vue_vite`
2. Start Vibe Kanban backend to test integration
3. Configure LazyVim for development workflow
4. Sync additional components as needed (KanbanBoard, TaskCard, etc.)