Designer Documentation Index

Complete guide for designers working on BudStack core pages

📚 Documentation Overview

This repository contains comprehensive documentation for designing and implementing the shared tenant pages in BudStack. All documents are organized by purpose and complexity.

🚀 Getting Started (Read in this order)

1. CORE_PAGES_DESIGNER_GUIDE.md ⭐

Purpose: Main guide for designing core pages
Audience: Designers and frontend developers
Time: 30 minutes
What you'll learn:
- What are core pages and why they matter
- **TWO types of pages**:
- **Platform pages** (budstack.to homepage) - Fixed BudStack branding
- **Tenant pages** (5 core storefront pages) - Dynamic theming
- Critical rules for multi-tenant design
- How to use CSS variables for theming (tenant pages only)
- Component patterns and code examples
- Asset management guidelines
- Testing procedures
- Common pitfalls and solutions

👉 **Start here if you're new to the project!**

2. CORE_PAGES_FILE_STRUCTURE.md

Purpose: Complete file reference
Audience: Designers and developers
Time: 15 minutes
What you'll learn:
- Exact location of every file you need to edit
- Directory structure overview
- Component library reference (shadcn/ui)
- Asset directories and naming conventions
- API endpoint reference
- Quick search commands

👉 **Use this as a reference while working**

3. LOCAL_DEVELOPMENT_SETUP.md

Purpose: Set up your development environment
Audience: Everyone (designers and developers)
Time: 10-15 minutes (including installation)
What you'll learn:
- Prerequisites (Node.js, Docker, etc.)
- Docker Compose setup for local database
- How to run the development server
- Test account credentials
- Troubleshooting common issues
- Common development tasks

👉 **Follow this to get your environment running**

🎨 Core Design Documentation

4. COMPREHENSIVE_THEMING_GUIDE.md

Purpose: Deep dive into the theming system
Audience: Designers who want to understand how theming works
Time: 20 minutes
What you'll learn:
- How the design system works (colors, typography, spacing)
- How templates provide visual identity
- How CSS variables cascade to all pages
- The `TenantThemeProvider` component
- Real-world examples from existing templates

👉 **Read this to understand the magic behind multi-tenant theming**

5. TEMPLATE_DESIGN_GUIDE.md

Purpose: Guide for creating new templates
Audience: Template designers (homepage design)
Time: 30 minutes
What you'll learn:
- Template architecture standards
- Component-based structure
- Data flow (props, tenant data)
- Styling guidelines (Tailwind + CSS variables)
- Animation patterns
- Testing checklist

👉 **This is for homepage template design, not core pages**

🏛️ Architecture & Technical Docs

6. MULTI_TENANT_ARCHITECTURE.md

Purpose: Understand how the platform works
Audience: Developers and technical leads
Time: 45 minutes
What you'll learn:
- System architecture overview
- Database design (Prisma schema)
- Multi-tenant routing (subdomain/path-based)
- Authentication & authorization (NextAuth.js)
- API integration (Doctor Green)
- File storage (AWS S3)
- Scalability considerations

👉 **Read this to understand the big picture**

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7. SAAS_ARCHITECTURE_PLAN.md

Purpose: Business and technical planning document
Audience: Project managers and architects
Time: 30 minutes
What you'll learn:
- Business model overview
- NFT-based licensing
- Tenant onboarding flow
- Revenue model
- Technical stack decisions
- Deployment strategy

👉 **Read this to understand why things are built this way**

📘 User Manuals

8. SUPER_ADMIN_MANUAL.md

Purpose: Guide for platform administrators
Audience: Super admins managing the platform
What you'll learn:
- How to manage tenants
- How to upload/manage templates
- How to monitor platform health
- How to handle tenant support

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9. TENANT_ADMIN_MANUAL.md

Purpose: Guide for dispensary owners
Audience: Tenant admins managing their store
What you'll learn:
- How to customize branding
- How to select templates
- How to manage products
- How to view analytics
- How to configure webhooks

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10. END_USER_GUIDE.md

Purpose: Guide for patients/customers
Audience: End users buying products
What you'll learn:
- How to browse products
- How to book a consultation
- How to create an account
- How to track orders

🔧 Specialized Guides

11. TEMPLATE_MIGRATION_EXAMPLE.md

Purpose: Convert standalone templates to BudStack format
Audience: Developers migrating existing templates
Time: 30 minutes
What you'll learn:
- How to analyze source template structure
- How to convert components to accept tenant props
- How to migrate from React Router to Next.js
- How to integrate with BudStack theming

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12. LOVABLE_STARTER_KIT_SUMMARY.md

Purpose: Use Lovable.dev to create BudStack templates
Audience: Designers using Lovable.dev
Time: 20 minutes
What you'll learn:
- How to use the starter kit
- Compliance rules for BudStack
- Validation scripts
- Submission process

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13. DRGREEN_MARKETING_GUIDELINES_SUMMARY.md

Purpose: Compliance guidelines for medical cannabis marketing
Audience: Content creators and marketers
Time: 15 minutes
What you'll learn:
- UK MHRA compliance rules
- What you can and cannot say
- Social media guidelines (Meta, LinkedIn)
- SEO best practices
- Educational content ideas

🔍 Quick Reference

File Location Guide

What	Where
Platform homepage	`/app/page.tsx` ← budstack.to
Tenant core pages	`/app/store/[slug]/{page}/page.tsx`
Shared components	`/components/`
Consultation form	`/components/consultation/`
UI components	`/components/ui/`
Template designs	`/templates/{template-name}/`
Public assets	`/public/core-pages/`
API routes	`/app/api/`
Database schema	`/prisma/schema.prisma`
Utilities	`/lib/`
Docker setup	`/docker-compose.yml`

Page Type Comparison

Aspect	Platform Pages	Tenant Pages
Example	budstack.to homepage	/store/cooleysbuds/products
Purpose	Market BudStack platform	Each dispensary's store
Branding	Fixed (BudStack)	Dynamic (per tenant)
CSS Variables	❌ No	✅ Yes (required)
Theming	Static	Dynamic (template-based)
Testing	localhost:3000	localhost:3000/store/[slug]

CSS Variables Quick Reference

Variable	Purpose
`var(--tenant-color-primary)`	Main brand color
`var(--tenant-color-background)`	Page background
`var(--tenant-color-text)`	Body text
`var(--tenant-font-base)`	Body font
`var(--tenant-font-heading)`	Heading font

→ See `COMPREHENSIVE_THEMING_GUIDE.md` for complete list

Common Commands

```
# Start development server
yarn dev

# Start Docker database
docker-compose up -d

# Reset database
yarn prisma migrate reset

# Generate Prisma client
yarn prisma generate

# Run tests
yarn test

# Build for production
yarn build
```

🎯 Recommended Reading Path

For Designers (New to Project)

1. ✅ `CORE_PAGES_DESIGNER_GUIDE.md` (30 min)
2. ✅ `LOCAL_DEVELOPMENT_SETUP.md` (15 min setup)
3. ✅ `CORE_PAGES_FILE_STRUCTURE.md` (15 min reference)
4. ✅ `COMPREHENSIVE_THEMING_GUIDE.md` (20 min deep dive)
5. ✅ Start working on **Contact** page (easiest)
6. → Move to **How It Works** page
7. → Then **Conditions** page
8. → Finally **Products** and **Consultation** pages

Total onboarding time: ~1.5 hours

For Developers (New to Project)

1. ✅ `MULTI_TENANT_ARCHITECTURE.md` (45 min)
2. ✅ `LOCAL_DEVELOPMENT_SETUP.md` (15 min setup)
3. ✅ `CORE_PAGES_FILE_STRUCTURE.md` (15 min)
4. ✅ `COMPREHENSIVE_THEMING_GUIDE.md` (20 min)
5. ✅ `CORE_PAGES_DESIGNER_GUIDE.md` (30 min)
6. → Review existing page implementations
7. → Start contributing

Total onboarding time: ~2 hours

For Template Designers

1. ✅ `TEMPLATE_DESIGN_GUIDE.md` (30 min)
2. ✅ `COMPREHENSIVE_THEMING_GUIDE.md` (20 min)
3. ✅ `LOVABLE_STARTER_KIT_SUMMARY.md` (20 min)
4. ✅ `LOCAL_DEVELOPMENT_SETUP.md` (15 min setup)
5. → Use Lovable Starter Kit or start from scratch
6. → Follow template design standards

Total onboarding time: ~1.5 hours

❓ FAQ

Q: I'm a designer. Which docs do I need?

A: Start with:
1. `CORE_PAGES_DESIGNER_GUIDE.md`
2. `LOCAL_DEVELOPMENT_SETUP.md`
3. `CORE_PAGES_FILE_STRUCTURE.md`

Q: How do I test my changes on different tenants?

A: Visit these URLs:
- `http://localhost:3000/store/cooleysbuds/your-page`
- `http://localhost:3000/store/healingbuds/your-page`
- `http://localhost:3000/store/portugalbuds/your-page`

Each has a different template/theme applied.

Q: Where do I put images for core pages?

A: `/public/core-pages/{page-name}/`
Example: `/public/core-pages/conditions/chronic-pain.jpg`

Q: Can I use hardcoded colors?

A: **NO**. Always use CSS variables:
❌ `className="bg-blue-500"`
✅ `style={{ backgroundColor: 'var(--tenant-color-primary)' }}`

Q: How do I test responsive design?

A: Open Chrome DevTools (F12) → Toggle device toolbar (Ctrl+Shift+M) → Test on iPhone SE, iPad, Desktop

Q: The database isn't connecting. What do I do?

A: Check if Docker is running:

```
docker ps
# If not running:
docker-compose up -d
```

Q: I made changes but they're not showing. Why?

A:

1. Hard refresh: Ctrl+Shift+R (Windows) or Cmd+Shift+R (Mac)
2. Restart dev server: Stop and run `yarn dev` again
3. Clear browser cache

Q: Where can I find code examples?

A: Look at existing pages:

- `/app/store/[slug]/about/page.tsx` ✅ Good example
- `/app/store/[slug]/contact/page.tsx` ✅ Good example
- Components in `CORE_PAGES_DESIGNER_GUIDE.md`

📝 Documentation Status

Document	Status	Last Updated
CORE_PAGES_DESIGNER_GUIDE	✅ Complete	Nov 2025
CORE_PAGES_FILE_STRUCTURE	✅ Complete	Nov 2025
LOCAL_DEVELOPMENT_SETUP	✅ Complete	Nov 2025
COMPREHENS-IVE_THEMING_GUIDE	✅ Complete	Nov 2025
MULTI_TENANT_ARCHITECTURE	✅ Complete	Nov 2025
TEMPLATE_DESIGN_GUIDE	✅ Complete	Nov 2025
SUPER_ADMIN_MANUAL	✅ Complete	Nov 2025
TENANT_ADMIN_MANUAL	✅ Complete	Nov 2025
END_USER_GUIDE	✅ Complete	Nov 2025

💬 Getting Help

Documentation Issues

If something in the docs is unclear:

1. Check the FAQ section above
2. Search for the topic in `CORE_PAGES_FILE_STRUCTURE.md`
3. Review code examples in `CORE_PAGES_DESIGNER_GUIDE.md`
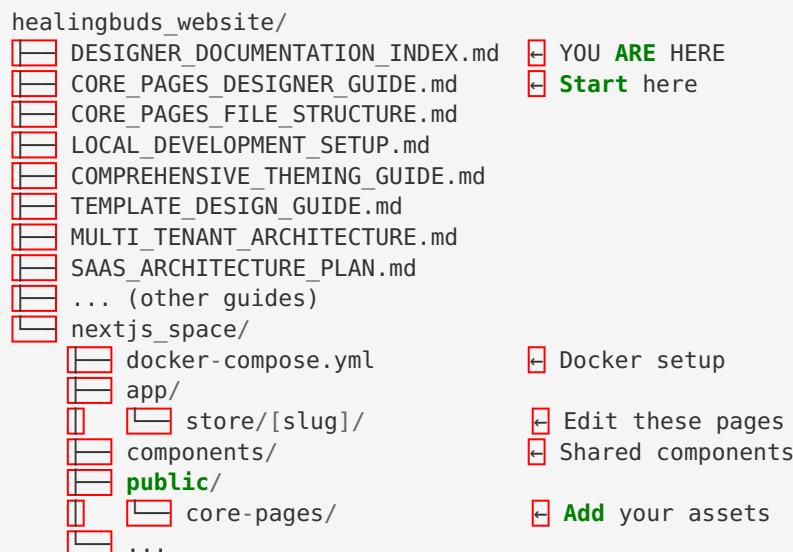
Technical Issues

1. Check `Troubleshooting` in `LOCAL_DEVELOPMENT_SETUP.md`
2. Review common pitfalls in `CORE_PAGES_DESIGNER_GUIDE.md`
3. Check existing issues on GitHub

Design Questions

1. Review `COMPREHENSIVE_THEMING_GUIDE.md`
2. Look at existing page implementations
3. Test on multiple tenants to see theming in action

📦 Repository Structure

```
healingbuds_website/
├── DESIGNER_DOCUMENTATION_INDEX.md    ← YOU ARE HERE
├── CORE_PAGES_DESIGNER_GUIDE.md       ← Start here
├── CORE_PAGES_FILE_STRUCTURE.md
├── LOCAL_DEVELOPMENT_SETUP.md
├── COMPREHENSIVE_THEMING_GUIDE.md
├── TEMPLATE_DESIGN_GUIDE.md
├── MULTI_TENANT_ARCHITECTURE.md
├── SAAS_ARCHITECTURE_PLAN.md
├── ... (other guides)
└── nextjs_space/
    ├── docker-compose.yml             ← Docker setup
    ├── app/
    │   └── store/[slug]/              ← Edit these pages
    ├── components/                    ← Shared components
    ├── public/
    │   └── core-pages/                ← Add your assets
    └── ...
```

✅ Pre-Work Checklist

Before you start working, make sure you:

- [ ] Read `CORE_PAGES_DESIGNER_GUIDE.md`
- [ ] Set up local environment (see `LOCAL_DEVELOPMENT_SETUP.md`)
- [ ] Docker and database are running
- [ ] Dev server starts without errors (`yarn dev`)
- [ ] Can access test tenants (cooleysbuds, healingbuds, portugalbuds)
- [ ] Understand CSS variables (see `COMPREHENSIVE_THEMING_GUIDE.md`)
- [ ] Know where to put assets (`/public/core-pages/`)
- [ ] Have VS Code (or preferred IDE) set up
- [ ] Familiarized yourself with existing pages

Ready to start? Begin with `CORE_PAGES_DESIGNER_GUIDE.md` 🚀

Last Updated: November 27, 2025