

AI Website Builder Enhancement Summary

Issues Fixed

1. Chat Bubble Problem ✓

Issue: The CDM Suite AI chatbot was appearing on generated user websites when it should only be visible on the CDM Suite public pages.

Solution: Updated the chatbot visibility logic to hide it on both dashboard pages AND generated user sites.

File Modified:

- components/ai-chatbot.tsx
- Changed: pathname?.startsWith('/dashboard')
- To: pathname?.startsWith('/dashboard') || pathname?.startsWith('/site/')

Result: The chatbot now only appears on CDM Suite's public marketing pages (homepage, services, etc.) and is hidden from:

- Dashboard pages (/dashboard/)
- Generated user websites (/site/)

2. Generic-Looking Generated Sites ✓

Issue: Generated websites looked too similar and lacked personality, industry-specific content, and unique styling.

Solutions Implemented:

A. Enhanced AI Prompts (`lib/builder/prompts.ts`)

Added comprehensive requirements for more unique, personality-driven content:

1. Industry-Specific Voice Guidelines

- Created `getIndustryVoiceGuidelines()` function
- Provides tailored writing styles for 10+ industries:
 - Tech/SaaS: Innovative, data-driven, ROI-focused
 - Healthcare: Empathetic, caring, evidence-based
 - Legal: Authoritative, confident, results-oriented
 - Real Estate: Aspirational, lifestyle-focused
 - Food/Restaurant: Sensory, experiential, community-focused
 - Fashion/Retail: Trendy, aspirational, bold
 - Agency/Marketing: Creative, innovative, thought-leadership
 - Consulting: Expert, strategic, problem-solving
 - Education: Empowering, growth-focused, results-driven

2. Powerful Headline Examples

- Created `getHeadlineExample()` function

- Provides industry-specific headline templates
- Examples:
 - Tech: “Scale Your Business 10X with AI-Powered Automation”
 - Health: “Transform Your Body in 90 Days - Guaranteed Results”
 - Legal: “Protecting Your Rights with 20+ Years of Trial Experience”

3. Enhanced Content Requirements

- Specific, action-oriented CTAs (not generic “Learn More”)
- Industry-specific jargon and terminology
- Numbers, statistics, and data points
- Social proof elements (client names, results, awards)
- Urgency and value propositions
- Power words and emotional triggers

B. Visual Design Enhancements ([components/builder/website-renderer.tsx](#))

Hero Section Improvements:

- Added decorative background gradient blobs for depth
- Implemented tagline badge with brand colors
- Enhanced button styling with hover effects and arrows
- Added gradient text for headlines
- Improved image hover effects with scale transitions
- Increased hero image height for more impact

Service/Feature Cards Improvements:

- Added colored top border using brand colors
- Enhanced card shadows and hover effects
- Implemented card lift animation on hover (-translate-y-1)
- Added gradient backgrounds to icon containers
- Icon scales on hover (scale-110)
- Colored section titles with brand colors
- Image zoom on hover with smooth transitions

Overall Design:

- Multi-layered gradient backgrounds
- Professional spacing and padding
- Smooth transitions and animations
- Brand color integration throughout
- Modern shadow effects

Testing the Improvements

For Content Uniqueness:

1. Generate a website for a Tech company
2. Generate a website for a Restaurant
3. Compare the tone, language, and personality
4. Each should have distinct voice, headlines, and content style

For Visual Improvements:

1. Generate any website
2. Check the hero section:
 - Should have decorative gradient backgrounds
 - Tagline badge visible
 - Buttons with hover effects
 - Large, impactful hero image
3. Check service cards:
 - Colored top borders
 - Hover lift animation
 - Icon animations
 - Colored titles

For Chat Bubble Fix:

1. Visit any generated site at /site/[subdomain]
 2. Confirm NO chatbot appears
 3. Visit CDM Suite public pages (homepage, services)
 4. Confirm chatbot DOES appear
 5. Visit dashboard pages
 6. Confirm chatbot does NOT appear
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Key Files Modified

1. **components/ai-chatbot.tsx**
 - Fixed chat bubble visibility logic
 2. **lib/builder/prompts.ts**
 - Added industry-specific voice guidelines
 - Added powerful headline examples
 - Enhanced content requirements
 - Added personality and uniqueness prompts
 3. **components/builder/website-renderer.tsx**
 - Enhanced hero section styling
 - Improved service card design
 - Added animations and transitions
 - Integrated brand colors throughout
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Expected Results

- No more chat bubble on generated sites**
- Unique, industry-specific content for each business**
- More visually appealing designs with modern effects**
- Better brand color integration**
- Professional animations and hover states**
- Distinct personality based on industry and target audience**

Next Steps (Optional Enhancements)

1. **Template-Specific Styling:** Add even more visual variations based on selected template
 2. **Custom Fonts:** Integrate industry-appropriate font pairings
 3. **Advanced Animations:** Add scroll animations and entrance effects
 4. **Color Palette Generator:** Auto-generate complementary colors based on industry
 5. **Industry-Specific Sections:** Add unique section types for different industries
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