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Vibe Coding Your Portfolio:
From **Concept to Code** in 4 days

ZEAL SHETH

AI-FIRST PRODUCT DESIGNER + STRATEGIST



Step 1

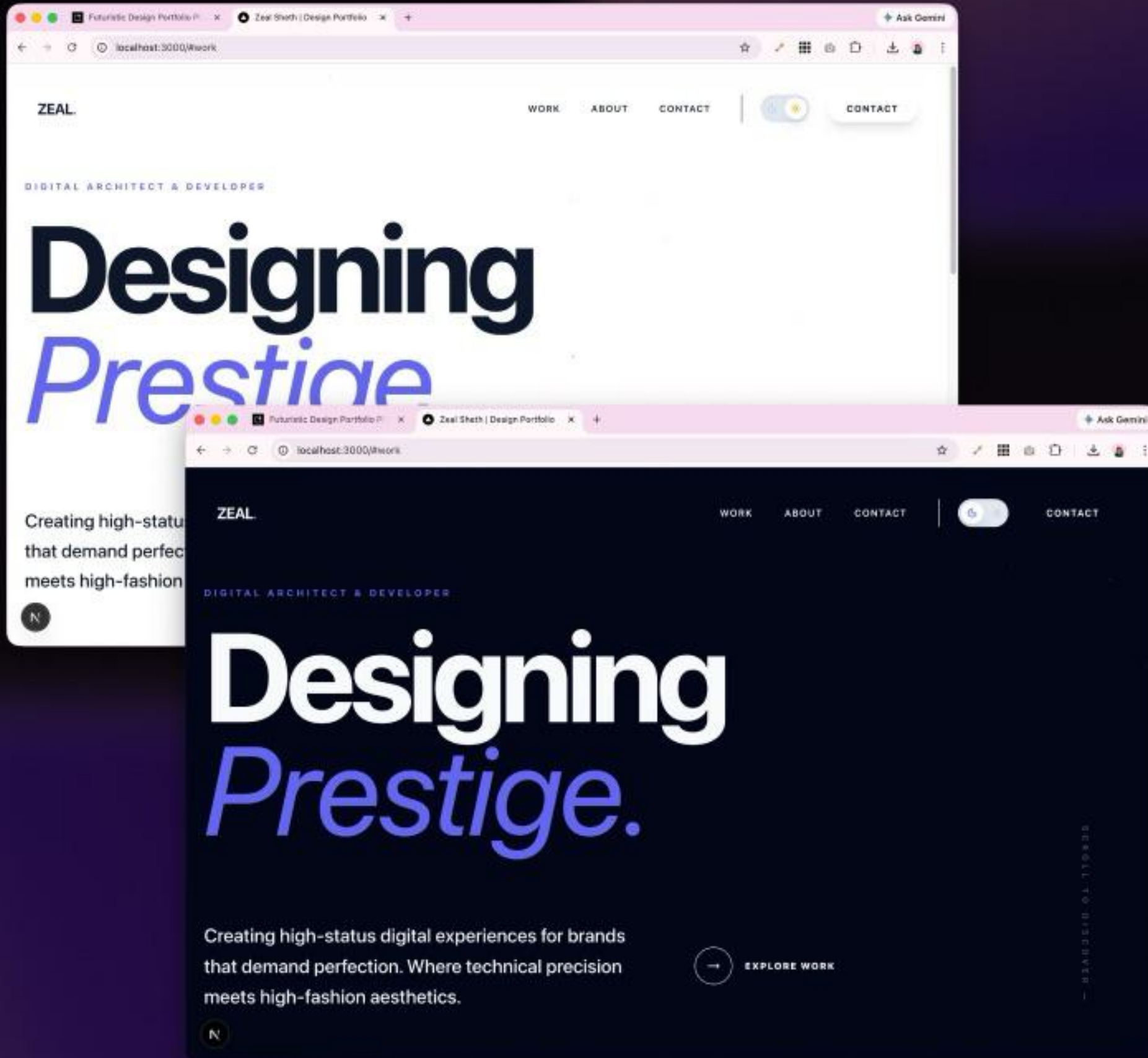
Unearthing Your Portfolio's Soul - Vibe Prompt should include

- **Your Core Identity:** What kind of developer/designer are you? (e.g., "bold and experimental UI/UX architect," "playful full-stack problem solver").
- **Target Audience:** Who are you trying to attract? (e.g., "fast-paced tech startups," "creative agencies," "freelance clients seeking innovation").
- **Desired Emotions:** How do you want visitors to feel when they land on your site? (e.g., "inspired," "confident," "impressed," "intrigued," "calm and professional").
- **Aesthetic Preferences:** Use descriptive adjectives and analogies. (e.g., "clean and airy like a Scandinavian design blog", "playful and inviting like a children's book illustration").
- **Key Functionality:** What absolutely must your portfolio do? (e.g., "showcase projects clearly," "tell my story compellingly").
- **Inspiration Links (Optional but Recommended):** Link to websites that embody your desired "vibe" Explain why you like them. Acts like 1-shot, 2-shot prompting.

Step 1 – Sample Prompt

I want my portfolio to feel like a modern, futuristic, well-organized Design+tech studio – functional, inviting, and showcasing my creative and analytical abilities. It should be clean and professional but with subtle, engaging animations and interactions that hint at my experimental side. The overall aesthetic should be minimal, high status vibe and confident with 1-2 accent colors, using dark/light mode theme for accessibility. My target audience is hiring managers, recruiters, design folks in startups to mid-to-large tech companies looking for a UI/UX-focused on AI-first approach with a strong eye for detail and user experience. Projects should be easily digestible with clear problem/solution narratives.

Step 1 – Output



Step 2

Add Skills.md to Setup the Design System

1. Setup the design tokens, components, typography, radius, spacing values with Skills.md
2. Define 3 levels of Design tokens Primitive (Global), Semantic, Component-specific in Tailwind CSS and Utility class.

Step 2 – Sample Skills.md File for Design System

```

# Design System Tokens - `skills.md`

```

This document defines the core design tokens for my portfolio website. These values are derived from my initial "Vibe Prompt" and will be processed to generate CSS Custom Properties for consistent styling.

1. Primitive Tokens

These are the foundational, unopinionated values.

1.1 Colors

Defines the base color palette.

```

* `color-dark-navy`: `#1D2638`
* `color-mid-gray`: `#4A5568`
* `color-light-gray`: `#E2E8F0`
* `color-off-white`: `#F7F9FC`
* `color-accent-teal`: `#6EE7B7`
* `color-error-red`: `#EF4444`
* `color-success-green`: `#22C55E`

```

1.2 Spacing

Defines a modular scale for all spacing values. `spacing-unit`

```

* `spacing-unit`: `8px`
* `spacing-xs`: `calc(var(--spacing-unit) * 0.5)` // 4px
* `spacing-sm`: `var(--spacing-unit)` // 8px
* `spacing-md`: `calc(var(--spacing-unit) * 2)` // 16px
* `spacing-lg`: `calc(var(--spacing-unit) * 3)` // 24px
* `spacing-xl`: `calc(var(--spacing-unit) * 4)` // 32px
* `spacing-2xl`: `calc(var(--spacing-unit) * 6)` // 48px
* `spacing-3xl`: `calc(var(--spacing-unit) * 8)` // 64px

```

1.3 Font Families

Defines the primary and secondary font stacks.

```

* `font-family-primary`: `Inter, sans-serif`
* `font-family-secondary`: `Lora, serif` (for headings)
* `font-family-mono`: `Fira Code, monospace`

```

1.4 Font Sizes

Defines a responsive, modular scale for font sizes. `font-size-base`

```

* `font-size-base`: `1rem` // 16px
* `font-size-sm`: `0.875rem` // 14px
* `font-size-md`: `1rem` // 16px (same as base, for explicit use)
* `font-size-lg`: `1.125rem` // 18px
* `font-size-xl`: `1.25rem` // 20px

```

```

src > styles > ds > tokens > {} colors.css > root
1 root {
2   /* --- Primitives --- */
3   --ds-clr-white: #ffffff;
4   --ds-clr-black: #000000;
5
6   --ds-clr-slate-50: #f8f9fc;
7   --ds-clr-slate-100: #e2e8f0;
8   --ds-clr-slate-200: #c2c6e0;
9   --ds-clr-slate-300: #a6b8cc;
10  --ds-clr-slate-400: #717193;
11  --ds-clr-slate-500: #475569;
12  --ds-clr-slate-600: #222b3b;
13  --ds-clr-slate-800: #131b2a;
14  --ds-clr-slate-900: #0a0f19;
15  --ds-clr-slate-950: #03040a;
16
17  --ds-clr-indigo-600: #3e3cc7;
18  --ds-clr-indigo-500: #4250e9;
19  --ds-clr-indigo-400: #4e5cd1;
20  --ds-clr-indigo-300: #47371d6;
21  --ds-clr-cyan-500: #65bbe2;
22
23  /* --- Semantic: Light Mode --- */
24  --ds-bg-main: var(--ds-clr-white);
25  --ds-bg-surface: var(--ds-clr-slate-50);
26  --ds-bg-glass: rgba(255, 255, 255, 0.7);
27  --ds-bg-inverse: var(--ds-clr-slate-950);
28
29  --ds-txt-main: var(--ds-clr-slate-900);
30  --ds-txt-muted: var(--ds-clr-slate-500);
31  --ds-txt-primary: var(--ds-clr-indigo-500);
32  --ds-txt-inverse: var(--ds-clr-white);
33  --ds-txt-primary-inverse: var(--ds-clr-indigo-300);
34
35  --ds-border-subtle: var(--ds-clr-slate-200);
36  --ds-border-strong: var(--ds-clr-slate-400);
37
38  --ds-primary: var(--ds-clr-indigo-500);
39  --ds-secondary: var(--ds-clr-indigo-400);
40  --ds-accent: var(--ds-clr-cyan-500);
41 }

```

Step 3

Building SEO-Optimized Foundation with Frontmatter & AI Best Practices

SEO Best Practices for .mdx Frontmatter:

- **title:** Compelling and keyword-rich (50-60 characters).
- **description:** Concise, keyword-rich summary (150-160 characters) that encourages clicks.
- **keywords:** While less critical for direct ranking, still good for contextual understanding.
- **slug:** Clean, descriptive, and containing relevant keywords.
- **coverImage & altText:** Essential for social sharing (Open Graph) and image SEO. Use descriptive altText.
- **Structured Data (Schema.org):** Consider adding JSON-LD schema for Article or WebPage to your page templates to help search engines understand your content better. Tools like Schema Markup Generator can help.

Step 3 – SEO Practices for fast loading times

- **Image Optimization:**
 - **Modern Formats:** Always use webp for images and webm for videos. These offer superior compression with minimal quality loss compared to JPG/PNG/MP4.
 - **Responsive Images:** Use srcset and <picture> tags to deliver appropriately sized images based on the user's viewport.
 - **Lazy Loading:** Implement loading="lazy" on images and iframes to defer loading of off-screen content.
- **CDN (Content Delivery Network):** Serve static assets (images, CSS, JS) from a CDN to reduce latency for users worldwide.
- **Font Optimization:**
 - **Variable Fonts:** Use variable fonts to reduce font file size.
 - **Self-Host Fonts:** Host Google Fonts or other fonts yourself to avoid extra DNS lookups.
- **Server-Side Rendering (SSR) / Static Site Generation (SSG):** For portfolio sites, SSG (e.g., with Next.js, Astro, SvelteKit) is often ideal, as it generates pre-built HTML files, leading to incredibly fast initial loads.

Step 3 – Sample .mdx file for Case Study

```

1  ---
2  title: "Multimodal AI Conversational Assistant for Events Platform"
3  role: "Product Designer"
4  outcome: "**3X reduction** in design cycle time from ideation to launch of AI assistant. *"
5  heroImage: "/assets/UX/XiPhi_ConversationalAIAssistant/CoverPage.webp"
6  description: "Transformed attendees experience of conferences and events with Eventz.ai, an
7  tags: ["Product Design & Strategy", "Visual Design", "Design System"]
8  duration: "5 Months (Jun 2025 - Oct 2025)"
9  tools: "Figma, FigmaMake, ElevenLabs, Lovable"
10 team: "Me (Product Designer), 1 Product Designer, 2 ML Engineers, 1 Data Scientist, 1 Softw
11 company: "XiPhi.ai"
12 order: 1
13 ---
14
15 {/*
16   Section I: Overview
17   Purpose: Instant context for recruiters.
18 */}
19
20
21 # Overview
22
23 Attendees at professional events struggle with an overwhelming event experience
24 from scattered agendas, difficulty finding relevant sessions, a constant
25 state of FOMO (fear of missing out), and post-event "follow-up fatigue."
26 The traditional event website offers all information at once, but with
27 no guidance or personalization, leaving attendees feeling disoriented and
28 disconnected.
29
30 <div className="text-ds-body-1 font-semibold font-sans text-main mt-8">
31   Eventz.ai app transforms the way attendees experience conferences and events.
32   Our goal was to design an AI-first event assistant that would personalize,
33   guide, and streamline the user journey.
34 </div>
35
36 <div className="flex flex-col gap-8 items-start bg-slate-50 dark:bg-slate-300/10 p-8 rounded
37   <div className="flex-1">
38     <h3 className="text-main font-bold mb-4">My Contribution</h3>
39     <p className="text-ds-body-2 tracking-normal">End-to-end AI Conversational Assistant De
40     Visual Design, Accessibility Checks, AI Conversational Flow, Defining Success & AI UXEv
  
```

Step 3 – Sample .mdx file for Case Study

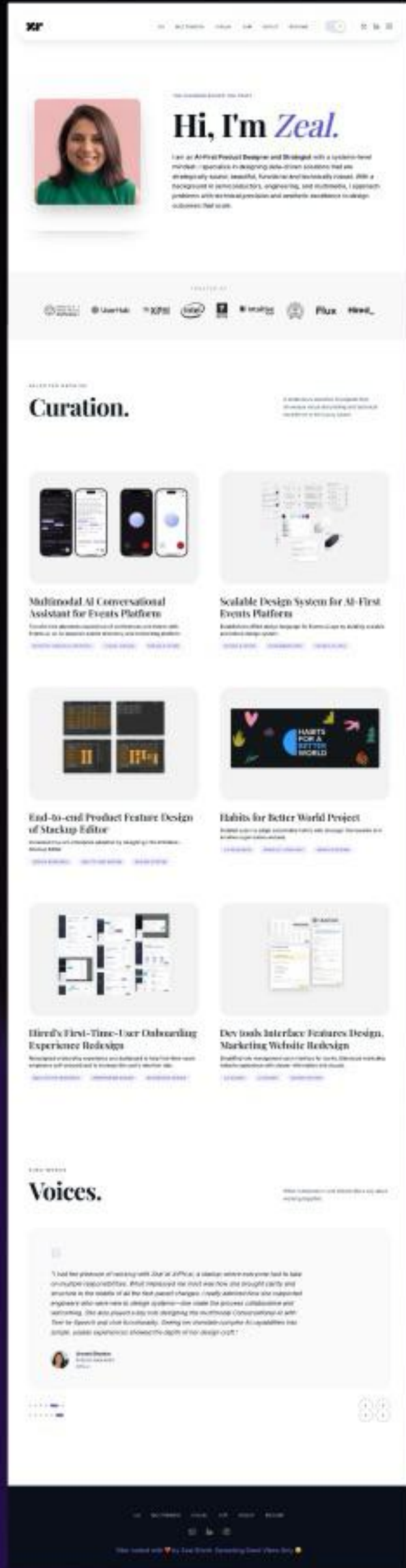
```

115 <p>Using FigmaMake to quickly translating ideas into prototypes.
116 This served as a solid foundation for in-depth idea discussions, critique, and analysis
117 of effective & ineffective elements.</p>
118
119 <div className="flex flex-col gap-8 items-start bg-slate-50 dark:bg-slate-900/50 p-8 rounded
120   <div className="flex-1">
121     <CaseStudyImage src="/assets/UX/XiPhi_ConversationalAIAssistant/FigmaMakeMockup.webp" l
122   </div>
123 </div>
124
125 <h3 className="text-xl font-bold mb-4">3. Visual Design Iterations</h3>
126
127 <div className="flex flex-col gap-8 items-start bg-slate-50 dark:bg-slate-900/50 p-8 rounded
128   <div className="flex-1">
129     <div className="grid grid-cols-1 md:grid-cols-1 gap-8 my-12">
130       <CaseStudyImage src="/assets/UX/XiPhi_ConversationalAIAssistant/VisualDesign_ColorIte
131       <CaseStudyImage src="/assets/UX/XiPhi_ConversationalAIAssistant/VisualDesign_TalkMode
132     </div>
133   </div>
134 </div>
135
136
137 {/*
138   Section IV: The Solution
139   Focus on design decisions and visual evidence.
140 */}
141
142 # The Solution
143
144 <div className="flex-1">
145   <p className="text-ds-b1 font-semibold font-sans mb-16">Based on the user feedback and
146 </div>
147
148
149 <div className="flex flex-col gap-8 items-start bg-slate-50 dark:bg-slate-900/50 p-8 rounded
150   <ImageCarousel images='[{"src":"/assets/UX/XiPhi_ConversationalAIAssistant/AIConv1_Userf
151 </div>
152
153
154 <div className="text-ds-b1 font-semibold font-sans mb-16">
155   <p>A/B Testing Process: Group A (Control) will receive a generic, non-personalized list o

```

Step 4

Final Outcome - My Portfolio Website



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Thank you!

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WEEKLY CONTENT.
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