**Provide comprehensive analysis including:**

**1. Product Classification**

**- Main category**

**- Sub-categories**

**- Product family**

**- Related products**

**2. Detailed Specifications**

**- Measurements and units**

**- Packaging details**

**- Storage requirements**

**- Preparation instructions**

**3. Nutritional Analysis**

**- Nutritional values**

**- Dietary considerations**

**- Allergen information**

**- Health claims**

**4. Quality Assessment**

**- Certifications**

**- Standards compliance**

**- Quality indicators**

**- Safety measures**

**5. Market Context**

**- Target market**

**- Competitive positioning**

**- Distribution channels**

**- Pricing strategy**

**6. Compliance Verification**

**- Regional requirements**

**- Industry standards**

**- Labeling regulations**

**- Safety standards**

**7. Enhancement Recommendations**

**- Missing information**

**- Data quality improvements**

**- Additional attributes**

**- Cross-selling opportunities**

**Provide detailed analysis with confidence scores for each section.**

**Format response as structured JSON.**

**System Architecture**

**text**

**Copy code**

**Architecture Components:**

**- Data Center (Web Scraping & Extraction)**

**- Stryke Center (AI Processing)**

**- Logger (Advanced Logging System)**

**- Configuration Management**

**- UI/UX Interface**

**Data Extraction Strategy**

**javascript**

**Copy code**

**Extraction Patterns:**

**- Multi-level navigation selectors**

**- Dynamic menu and product list detection**

**- Adaptive pattern recognition**

**- Fallback mechanisms**

**- Language and region-specific adaptations**

**Key Extraction Techniques:**

**- Regex-based pattern matching**

**- Semantic understanding**

**- Contextual analysis**

**- Multi-model AI processing**

**AI Processing Workflow**

**javascript**

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**AI Processing Stages:**

**1. Initial Data Extraction**

**2. Language Processing**

**3. Market Analysis**

**4. Compliance Validation**

**5. Quality Scoring**

**AI Model Configurations:**

**- Default: GPT-4**

**- Fallback: GPT-3.5**

**- Specialized Models:**

**\* Classification**

**\* Translation**

**\* Advanced Analysis**

**Processing Parameters:**

**- Temperature: 0.2 (Focused, deterministic)**

**- Max Tokens: 2000**

**- Top P: 0.9**

**- Frequency Penalty: 0.5**

**- Presence Penalty: 0.5**

**Logging System**

**javascript**

**Copy code**

**Logging Features:**

**- Multiple log levels (DEBUG, INFO, WARN, ERROR, CRITICAL)**

**- Configurable log verbosity**

**- Automatic log buffering**

**- Sensitive data redaction**

**- Spreadsheet integration**

**- Performance tracking**

**Log Entry Structure:**

**{**

**timestamp: string,**

**level: string,**

**source: string,**

**message: string,**

**data: object,**

**error: object**

**}**

**Data Validation Framework**

**javascript**

**Copy code**

**Validation Dimensions:**

**- Data Completeness**

**- Format Compliance**

**- Value Ranges**

**- Unit Consistency**

**- Language Consistency**

**- Regional Compliance**

**- Industry Standards**

**- Safety Requirements**

**Confidence Scoring:**

**- Weighted scoring system**

**- Multi-dimensional assessment**

**- Adaptive thresholds**

**UI/UX Design Principles**

**text**

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**Design Philosophy:**

**- Responsive and adaptive**

**- Dark/Light theme support**

**- Modular component design**

**- Intuitive navigation**

**- Real-time feedback**

**- Accessibility considerations**

**Key UI Components:**

**- Dashboard**

**- Data Extraction Interface**

**- AI Processing Center**

**- Configuration Panel**

**- Status Monitoring**

**Advanced Extraction Capabilities**

**javascript**

**Copy code**

**Extraction Intelligence:**

**- Multi-language support**

**- Cross-domain adaptability**

**- Contextual understanding**

**- Semantic analysis**

**- Pattern learning**

**Specialized Extraction Modules:**

**- Product Information**

**- Nutritional Details**

**- Technical Specifications**

**- Market Positioning**

**- Compliance Verification**

**Performance Optimization**

**javascript**

**Copy code**

**Optimization Strategies:**

**- Batch processing**

**- Parallel execution**

**- Caching mechanisms**

**- Rate limit management**

**- Retry logic**

**- Incremental processing**

**Scalability Considerations:**

**- Distributed processing**

**- Modular architecture**

**- Configurable concurrency**

**- Resource-aware execution**

**Error Handling & Resilience**

**javascript**

**Copy code**

**Error Management:**

**- Granular error categorization**

**- Contextual error reporting**

**- Automatic recovery mechanisms**

**- Detailed error logging**

**- Fallback processing strategies**

**Resilience Patterns:**

**- Circuit breaker**

**- Exponential backoff**

**- Graceful degradation**

**- Comprehensive error tracking**

**Security Considerations**

**javascript**

**Copy code**

**Security Layers:**

**- Data sanitization**

**- Sensitive information redaction**

**- Secure API key management**

**- Input validation**

**- Rate limiting**

**- Comprehensive logging**

**Compliance:**

**- GDPR considerations**

**- Data protection**

**- Minimal data retention**

**- Transparent processing**

**Recommended Next Steps:**

**Implement comprehensive test cases**

**Create detailed documentation**

**Develop monitoring dashboards**

**Establish performance benchmarks**

**Design scalable infrastructure**

**Architecture Overview**

**text**

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**UI Management System Components:**

**- Theme Management**

**- Dialog Handling**

**- Notification System**

**- Configuration Integration**

**- Error Handling**

**- Progress Tracking**

**Theme Management**

**javascript**

**Copy code**

**Theme Configuration:**

**- Light Theme**

**- Dark Theme**

**- Configurable Color Palette**

**- Dynamic Theme Switching**

**Theme Variables:**

**- Primary Color**

**- Secondary Color**

**- Background Colors**

**- Text Colors**

**- Surface Colors**

**- Accent Colors**

**Dialog Management**

**javascript**

**Copy code**

**Dialog Types:**

**- Settings Dialog**

**- Data Center Dialog**

**- Stryke Center Dialog**

**- API Configuration Dialog**

**Dialog Features:**

**- Configurable Dimensions**

**- Dynamic Content Loading**

**- Template-based Rendering**

**- Responsive Design**

**Notification System**

**javascript**

**Copy code**

**Notification Types:**

**- Success Notifications**

**- Error Notifications**

**- Loading Indicators**

**- Toast Messages**

**Notification Characteristics:**

**- Configurable Duration**

**- Animated Transitions**

**- Context-aware Styling**

**Error Handling**

**javascript**

**Copy code**

**Error Handling Strategies:**

**- Detailed Error Dialogs**

**- Stacktrace Logging**

**- User-friendly Error Messages**

**- Contextual Error Reporting**

**Progress Tracking**

**javascript**

**Copy code**

**Progress Tracking Features:**

**- Dynamic Progress Bars**

**- Status Message Display**

**- Modeless Dialog Support**

**- Percentage-based Visualization**

**Configuration Integration**

**javascript**

**Copy code**

**Configuration Management:**

**- Theme Preferences**

**- Display Settings**

**- Version Information**

**- Extensible Configuration**

**Advanced Features**

**javascript**

**Copy code**

**Advanced UI Capabilities:**

**- Responsive Design**

**- Cross-platform Compatibility**

**- Accessibility Considerations**

**- Dynamic Content Rendering**

**- Internationalization Support**

**Recommended Enhancements:**

**Implement internationalization**

**Add more granular theme customization**

**Create a plugin architecture for UI extensions**

**Develop comprehensive accessibility features**

**Implement advanced error tracking and reporting**

**Would you like me to elaborate on any specific aspect of this UI management system?**

**Key Strengths:**

**Modular Design**

**Flexible Configuration**

**Comprehensive Error Handling**

**Dynamic Theming**

**Extensible Architecture**

**Potential Improvements:**

**Add more granular theme controls**

**Implement advanced internationalization**

**Create plugin system for UI extensions**

**Enhance accessibility features**

**Develop more sophisticated error tracking**

**Architectural Recommendations:**

**Create a plugin interface for UI extensions**

**Develop a more robust internationalization system**

**Implement advanced accessibility features**

**Add comprehensive logging for UI interactions**

**Create a more flexible configuration management system**

**Would you like a detailed breakdown of potential architectural improvements or a deep dive into any specific component?**

**UI Management System Architecture**

**javascript**

**Copy code**

**class UIManager {**

**// Core UI Management**

**static themes = { ... }**

**static dialogs = { ... }**

**static components = { ... }**

**// Advanced Features**

**static themeEngine = new ThemeEngine()**

**static accessibilityManager = new AccessibilityManager()**

**static internationalizationManager = new I18nManager()**

**static performanceTracker = new PerformanceTracker()**

**}**

**class ThemeEngine {**

**// Dynamic theme management**

**constructor() { ... }**

**registerTheme(theme) { ... }**

**applyTheme(themeName) { ... }**

**generateCustomTheme(config) { ... }**

**}**

**class AccessibilityManager {**

**// Comprehensive accessibility support**

**constructor() { ... }**

**enableScreenReader() { ... }**

**adjustContrast() { ... }**

**generateAccessibilityReport() { ... }**

**}**

**class I18nManager {**

**// Internationalization support**

**constructor() { ... }**

**setLanguage(language) { ... }**

**translateUI() { ... }**

**detectUserLanguage() { ... }**

**}**

**class PerformanceTracker {**

**// UI Performance monitoring**

**trackRenderTime() { ... }**

**generatePerformanceReport() { ... }**

**identifyBottlenecks() { ... }**

**}**

**Comprehensive Theme System**

**javascript**

**Copy code**

**const THEME\_CONFIGURATIONS = {**

**light: {**

**primary: '**

**#1a73e8',**

**secondary: '**

**#5f6368',**

**background: {**

**primary: '**

**#ffffff',**

**secondary: '**

**#f8f9fa'**

**},**

**text: {**

**primary: '**

**#202124',**

**secondary: '**

**#5f6368'**

**},**

**interactions: {**

**hover: '**

**rgba(0,0,0,0.05)',**

**active: '**

**rgba(0,0,0,0.1)'**

**}**

**},**

**dark: {**

**primary: '**

**#8ab4f8',**

**secondary: '**

**#9aa0a6',**

**background: {**

**primary: '**

**#202124',**

**secondary: '**

**#292a2d'**

**},**

**text: {**

**primary: '**

**#e8eaed',**

**secondary: '**

**#9aa0a6'**

**},**

**interactions: {**

**hover: '**

**rgba(255,255,255,0.1)',**

**active: '**

**rgba(255,255,255,0.2)'**

**}**

**},**

**// Custom theme generation capabilities**

**custom: (baseTheme, customOverrides) => {**

**return { ...baseTheme, ...customOverrides }**

**}**

**}**

**Advanced Dialog Management**

**javascript**

**Copy code**

**class DialogManager {**

**static DIALOG\_TYPES = {**

**MODAL: 'modal',**

**SIDEBAR: 'sidebar',**

**TOAST: 'toast',**

**POPOVER: 'popover'**

**}**

**static create(type, config) {**

**switch(type) {**

**case this.DIALOG\_TYPES.MODAL:**

**return new ModalDialog(config)**

**case this.DIALOG\_TYPES.SIDEBAR:**

**return new SidebarDialog(config)**

**// Other dialog type implementations**

**}**

**}**

**static showProgressiveDialog(stages) {**

**// Multi-stage dialog rendering**

**}**

**}**

**class BaseDialog {**

**constructor(config) {**

**this.config = config**

**this.state = {**

**isOpen: false,**

**progress: 0,**

**data: null**

**}**

**}**

**render() { /\* Abstract method \*/ }**

**close() { /\* Common close logic \*/ }**

**updateProgress(progress) { /\* Progress tracking \*/ }**

**}**

**Notification System**

**javascript**

**Copy code**

**class NotificationSystem {**

**static TYPES = {**

**SUCCESS: 'success',**

**ERROR: 'error',**

**WARNING: 'warning',**

**INFO: 'info'**

**}**

**static show(message, type = this.TYPES.INFO, options = {}) {**

**const notification = new Notification(message, type, options)**

**notification.display()**

**}**

**static queue(notifications) {**

**// Batch notification handling**

**}**

**}**

**class Notification {**

**constructor(message, type, options) {**

**this.message = message**

**this.type = type**

**this.options = {**

**duration: 3000,**

**position: 'bottom-right',**

**...options**

**}**

**}**

**display() {**

**// Render notification with animations**

**}**

**}**

**Error Handling Framework**

**javascript**

**Copy code**

**class ErrorHandler {**

**static handle(error, context = {}) {**

**// Comprehensive error management**

**this.log(error)**

**this.notify(error)**

**this.report(error, context)**

**}**

**static log(error) {**

**// Detailed error logging**

**Logger.error(error.message, {**

**stack: error.stack,**

**timestamp: new Date(),**

**context: error.context**

**})**

**}**

**static notify(error) {**

**NotificationSystem.show(**

**error.userMessage || 'An unexpected error occurred',**

**NotificationSystem.TYPES.ERROR**

**)**

**}**

**static report(error, context) {**

**// Optional error reporting to monitoring service**

**MonitoringService.reportError(error, context)**

**}**

**}**

**Performance Monitoring**

**javascript**

**Copy code**

**class PerformanceMonitor {**

**static metrics = {**

**renderTimes: [],**

**apiCallDurations: [],**

**resourceLoading: []**

**}**

**static startMeasurement(key) {**

**performance.mark(`${key}-start`)**

**}**

**static endMeasurement(key) {**

**performance.mark(`${key}-end`)**

**performance.measure(key, `${key}-start`, `${key}-end`)**

**}**

**static generateReport() {**

**// Generate comprehensive performance insights**

**}**

**}**

**Accessibility Enhancement**

**javascript**

**Copy code**

**class AccessibilityEnhancer {**

**static enhance(element) {**

**this.addAriaAttributes(element)**

**this.ensureKeyboardNavigation(element)**

**this.checkColorContrast(element)**

**}**

**static addAriaAttributes(element) {**

**// Dynamic ARIA attribute generation**

**}**

**static generateAccessibilityReport() {**

**// Comprehensive accessibility audit**

**}**

**}**

**Internationalization**

**javascript**

**Copy code**

**class InternationalizationManager {**

**static languages = {**

**en: { ... },**

**es: { ... },**

**fr: { ... }**

**}**

**static detectLanguage() {**

**// Intelligent language detection**

**}**

**static translate(key, language) {**

**return this.languages[language][key]**

**}**

**static generateTranslationMemory() {**

**// Create translation database**

**}**

**}**

**Configuration Management**

**javascript**

**Copy code**

**class ConfigurationManager {**

**static defaultConfig = {**

**theme: 'light',**

**language: 'en',**

**accessibility: {**

**highContrast: false,**

**screenReader: false**

**},**

**performance: {**

**animations: true,**

**prefetchEnabled: true**

**}**

**}**

**static get(key) {**

**// Retrieve configuration with fallback**

**}**

**static update(updates) {**

**// Safely update configuration**

**}**

**}**

**Comprehensive Implementation Strategy:**

**Modular Design**

**Extensibility**

**Performance Optimization**

**Comprehensive Error Handling**

**Advanced Configuration**

**Accessibility Support**

**Internationalization**

**Dynamic Theming**

**Recommended Next Steps:**

**Implement unit tests for each module**

**Create documentation**

**Develop integration examples**

**Build plugin architecture**

**Implement comprehensive logging**

**Would you like me to elaborate on any specific aspect or provide implementation details for a particular component?**

**The provided system offers:**

**Highly modular architecture**

**Extensive customization**

**Performance monitoring**

**Robust error handling**

**Accessibility support**

**Internationalization**

**Dynamic theming**

**Potential Use Cases:**

**Enterprise web applications**

**Complex data visualization tools**

**Multi-language platforms**

**Accessibility-focused applications**

**Architectural Principles:**

**Separation of Concerns**

**Open/Closed Principle**

**Dependency Injection**

**Single Responsibility Principle**

**Would you like a deep dive into implementation details or a specific component's architecture?**

**Design System Architecture**

**javascript**

**Copy code**

**class DesignSystem {**

**static tokens = {**

**colors: { ... },**

**typography: { ... },**

**spacing: { ... },**

**breakpoints: { ... },**

**shadows: { ... }**

**}**

**static components = {**

**Button: ButtonDesignSystem,**

**Input: InputDesignSystem,**

**Card: CardDesignSystem,**

**// Other component design systems**

**}**

**static generateTheme(customConfig) {**

**// Dynamic theme generation**

**}**

**}**

**Color Palette System**

**javascript**

**Copy code**

**const COLOR\_PALETTE = {**

**primary: {**

**50: '**

**#E3F2FD',**

**100: '**

**#BBDEFB',**

**200: '**

**#90CAF9',**

**300: '**

**#64B5F6',**

**400: '**

**#42A5F5',**

**500: '**

**#2196F3', // Base primary color**

**600: '**

**#1E88E5',**

**700: '**

**#1976D2',**

**800: '**

**#1565C0',**

**900: '**

**#0D47A1'**

**},**

**secondary: {**

**// Similar structure for secondary colors**

**},**

**neutral: {**

**// Grayscale and neutral tones**

**},**

**semantic: {**

**success: { ... },**

**error: { ... },**

**warning: { ... },**

**info: { ... }**

**}**

**}**

**Typography System**

**javascript**

**Copy code**

**const TYPOGRAPHY\_SYSTEM = {**

**fontFamilies: {**

**primary: "'Inter', sans-serif",**

**secondary: "'Roboto', sans-serif",**

**monospace: "'Fira Code', monospace"**

**},**

**fontWeights: {**

**thin: 100,**

**light: 300,**

**regular: 400,**

**medium: 500,**

**bold: 700,**

**black: 900**

**},**

**sizes: {**

**xs: '0.75rem',**

**sm: '0.875rem',**

**base: '1rem',**

**lg: '1.125rem',**

**xl: '1.25rem',**

**'2xl': '1.5rem',**

**'3xl': '1.875rem',**

**'4xl': '2.25rem'**

**},**

**lineHeights: {**

**none: 1,**

**tight: 1.25,**

**snug: 1.375,**

**normal: 1.5,**

**relaxed: 1.625,**

**loose: 2**

**}**

**}**

**Responsive Design System**

**javascript**

**Copy code**

**const RESPONSIVE\_BREAKPOINTS = {**

**xs: 0,**

**sm: 576,**

**md: 768,**

**lg: 992,**

**xl: 1200,**

**xxl: 1400**

**}**

**class ResponsiveDesignSystem {**

**static getBreakpoint(size) {**

**return RESPONSIVE\_BREAKPOINTS[size]**

**}**

**static createResponsiveClasses() {**

**// Generate responsive utility classes**

**}**

**static generateMediaQueries() {**

**// Dynamic media query generation**

**}**

**}**

**Component Design System**

**javascript**

**Copy code**

**class ButtonDesignSystem {**

**static variants = {**

**primary: {**

**backgroundColor: COLOR\_PALETTE.primary[500],**

**color: '**

**#FFFFFF',**

**hover: COLOR\_PALETTE.primary[600],**

**active: COLOR\_PALETTE.primary[700]**

**},**

**secondary: { ... },**

**outline: { ... }**

**}**

**static sizes = {**

**xs: {**

**padding: '0.25rem 0.5rem',**

**fontSize: TYPOGRAPHY\_SYSTEM.sizes.xs**

**},**

**sm: { ... },**

**md: { ... },**

**lg: { ... }**

**}**

**static generateButtonStyles(variant, size) {**

**// Dynamic button style generation**

**}**

**}**

**Accessibility Design Tokens**

**javascript**

**Copy code**

**const ACCESSIBILITY\_TOKENS = {**

**colorContrast: {**

**minimumRatio: 4.5, // WCAG AA standard**

**enhancedRatio: 7 // WCAG AAA standard**

**},**

**focusStates: {**

**outlineWidth: '2px',**

**outlineStyle: 'solid',**

**outlineColor: COLOR\_PALETTE.primary[500]**

**},**

**touchTargets: {**

**minimumSize: '44x44px' // Recommended touch target size**

**}**

**}**

**Spacing and Layout System**

**javascript**

**Copy code**

**const SPACING\_SYSTEM = {**

**base: 8, // 8px base unit**

**scale: {**

**0: 0,**

**0.5: 4,**

**1: 8,**

**1.5: 12,**

**2: 16,**

**2.5: 20,**

**3: 24,**

**4: 32,**

**5: 40,**

**6: 48,**

**8: 64,**

**10: 80,**

**12: 96,**

**16: 128**

**},**

**grid: {**

**columns: 12,**

**gutter: 16,**

**maxWidth: 1200**

**}**

**}**

**Shadow and Elevation System**

**javascript**

**Copy code**

**const ELEVATION\_SYSTEM = {**

**0: 'none',**

**1: '0 1px 3px**

**rgba(0,0,0,0.12), 0 1px 2px**

**rgba(0,0,0,0.24)',**

**2: '0 3px 6px**

**rgba(0,0,0,0.16), 0 3px 6px**

**rgba(0,0,0,0.23)',**

**3: '0 10px 20px**

**rgba(0,0,0,0.19), 0 6px 6px**

**rgba(0,0,0,0.23)',**

**4: '0 14px 28px**

**rgba(0,0,0,0.25), 0 10px 10px**

**rgba(0,0,0,0.22)',**

**5: '0 19px 38px**

**rgba(0,0,0,0.30), 0 15px 12px**

**rgba(0,0,0,0.22)'**

**}**

**Theme Generation Utility**

**javascript**

**Copy code**

**class ThemeGenerator {**

**static generate(baseTheme, customOverrides) {**

**return {**

**...baseTheme,**

**colors: {**

**...baseTheme.colors,**

**...customOverrides.colors**

**},**

**typography: {**

**...baseTheme.typography,**

**...customOverrides.typography**

**}**

**}**

**}**

**static validateTheme(theme) {**

**// Validate theme configuration**

**}**

**}**

**Design System CSS Generation**

**javascript**

**Copy code**

**class CSSGenerator {**

**static generateVariables(designSystem) {**

**// Generate CSS custom properties**

**return `**

**:root {**

**${Object.entries(designSystem.colors).map(([key, value]) =>**

**`--color-${key}: ${value};`**

**).join('\n')}**

**// Other design tokens**

**}**

**`**

**}**

**static generateUtilityClasses() {**

**// Generate responsive and utility classes**

**}**

**}**

**Comprehensive Design System Features:**

**Modular architecture**

**Dynamic theme generation**

**Responsive design support**

**Accessibility considerations**

**Comprehensive design tokens**

**Flexible customization**

**Performance-optimized**

**Implementation Recommendations:**

**Create comprehensive documentation**

**Develop design system playground**

**Build component library**

**Implement design tokens**

**Create theme generation tools**

**markup**

**Copy code**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>Design System Preview</title>**

**<link href="[https://fonts.googleapis.com/css2?family=Inter:wght@100;200;300;400;500;600;700;800;900&display=swap"](https://fonts.googleapis.com/css2?family=Inter:wght@100;200;300;400;500;600;700;800;900&display=swap") rel="stylesheet">**

**<style>**

**/\* Design System CSS Variables \*/**

**:root {**

**/\* Color Palette \*/**

**--color-primary-50:**

**#E3F2FD;**

**--color-primary-100:**

**#BBDEFB;**

**--color-primary-500:**

**#2196F3;**

**--color-primary-600:**

**#1E88E5;**

**--color-primary-700:**

**#1976D2;**

**--color-secondary-500:**

**#9C27B0;**

**--color-neutral-50:**

**#F5F5F5;**

**--color-neutral-100:**

**#E0E0E0;**

**--color-neutral-900:**

**#212121;**

**/\* Typography \*/**

**--font-family-primary: 'Inter', sans-serif;**

**--font-size-base: 16px;**

**--font-size-sm: 0.875rem;**

**--font-size-lg: 1.125rem;**

**/\* Spacing \*/**

**--spacing-xs: 0.25rem;**

**--spacing-sm: 0.5rem;**

**--spacing-md: 1rem;**

**--spacing-lg: 1.5rem;**

**/\* Shadows \*/**

**--shadow-1: 0 1px 3px**

**rgba(0,0,0,0.12);**

**--shadow-2: 0 3px 6px**

**rgba(0,0,0,0.16);**

**}**

**/\* Reset and Base Styles \*/**

**\* {**

**margin: 0;**

**padding: 0;**

**box-sizing: border-box;**

**}**

**body {**

**font-family: var(--font-family-primary);**

**line-height: 1.6;**

**color: var(--color-neutral-900);**

**background-color: var(--color-neutral-50);**

**}**

**/\* Component: Card \*/**

**.card {**

**background-color: white;**

**border-radius: 8px;**

**box-shadow: var(--shadow-1), var(--shadow-2);**

**padding: var(--spacing-lg);**

**margin-bottom: var(--spacing-md);**

**transition: transform 0.3s ease;**

**}**

**.card:hover {**

**transform: translateY(-5px);**

**}**

**/\* Component: Button \*/**

**.btn {**

**display: inline-block;**

**padding: var(--spacing-sm) var(--spacing-md);**

**border-radius: 4px;**

**text-decoration: none;**

**transition: all 0.3s ease;**

**cursor: pointer;**

**font-size: var(--font-size-base);**

**font-weight: 500;**

**}**

**.btn-primary {**

**background-color: var(--color-primary-500);**

**color: white;**

**border: none;**

**}**

**.btn-primary:hover {**

**background-color: var(--color-primary-600);**

**}**

**.btn-secondary {**

**background-color: var(--color-secondary-500);**

**color: white;**

**border: none;**

**}**

**.btn-outline {**

**background-color: transparent;**

**border: 2px solid var(--color-primary-500);**

**color: var(--color-primary-500);**

**}**

**/\* Component: Input \*/**

**.input {**

**width: 100%;**

**padding: var(--spacing-sm);**

**border: 1px solid var(--color-neutral-100);**

**border-radius: 4px;**

**font-size: var(--font-size-base);**

**}**

**.input:focus {**

**outline: none;**

**border-color: var(--color-primary-500);**

**box-shadow: 0 0 0 2px**

**rgba(33, 150, 243, 0.2);**

**}**

**/\* Layout \*/**

**.container {**

**max-width: 1200px;**

**margin: 0 auto;**

**padding: var(--spacing-lg);**

**}**

**.grid {**

**display: grid;**

**grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));**

**gap: var(--spacing-md);**

**}**

**/\* Responsive Typography \*/**

**@media (max-width: 768px) {**

**:root {**

**--font-size-base: 14px;**

**}**

**}**

**/\* Theme Variations \*/**

**.theme-dark {**

**--color-neutral-50:**

**#121212;**

**--color-neutral-900:**

**#FFFFFF;**

**background-color: var(--color-neutral-50);**

**color: var(--color-neutral-900);**

**}**

**</style>**

**</head>**

**<body>**

**<div class="container">**

**<h1>Design System Preview</h1>**

**<section>**

**<h2>Color Palette</h2>**

**<div class="grid">**

**<div class="card">**

**<div style="background-color: var(--color-primary-50); height: 50px;"></div>**

**<div style="background-color: var(--color-primary-100); height: 50px;"></div>**

**<div style="background-color: var(--color-primary-500); height: 50px; color: white; display: flex; align-items: center; justify-content: center;">**

**Primary Color**

**</div>**

**</div>**

**<div class="card">**

**<div style="background-color: var(--color-secondary-500); height: 100px; color: white; display: flex; align-items: center; justify-content: center;">**

**Secondary Color**

**</div>**

**</div>**

**</div>**

**</section>**

**<section>**

**<h2>Buttons</h2>**

**<div class="grid">**

**<button class="btn btn-primary">Primary Button</button>**

**<button class="btn btn-secondary">Secondary Button</button>**

**<button class="btn btn-outline">Outline Button</button>**

**</div>**

**</section>**

**<section>**

**<h2>Input Fields</h2>**

**<div class="grid">**

**<input type="text" class="input" placeholder="Standard Input">**

**<input type="text" class="input" placeholder="Focused Input" autofocus>**

**</div>**

**</section>**

**<section>**

**<h2>Cards</h2>**

**<div class="grid">**

**<div class="card">**

**<h3>Card Title</h3>**

**<p>This is a sample card with some content to demonstrate the card component.</p>**

**<button class="btn btn-primary">Learn More</button>**

**</div>**

**<div class="card">**

**<h3>Another Card</h3>**

**<p>Cards can have different content and still maintain a consistent design.</p>**

**<button class="btn btn-outline">View Details</button>**

**</div>**

**</div>**

**</section>**

**</div>**

**<script>**

**// Design System JavaScript Interactions**

**class DesignSystemDemo {**

**constructor() {**

**this.initThemeToggle();**

**}**

**initThemeToggle() {**

**const themeToggle = document.createElement('button');**

**themeToggle.textContent = 'Toggle Dark Mode';**

**themeToggle.classList.add('btn', 'btn-primary');**

**themeToggle.style.position = 'fixed';**

**themeToggle.style.bottom = '20px';**

**themeToggle.style.right = '20px';**

**themeToggle.addEventListener('click', () => {**

**document.body.classList.toggle('theme-dark');**

**});**

**document.body.appendChild(themeToggle);**

**}**

**}**

**// Initialize the design system demo**

**new DesignSystemDemo();**

**</script>**

**</body>**

**</html>**

**Key Features Demonstrated:**

**Color Palette**

**Primary and secondary colors**

**Color variations**

**CSS custom properties**

**Typography**

**Inter font**

**Responsive font sizes**

**Consistent typography system**

**Components**

**Buttons (primary, secondary, outline)**

**Input fields**

**Cards**

**Responsive grid layout**

**Design Tokens**

**Spacing**

**Colors**

**Shadows**

**Typography**

**Responsive Design**

**Adaptive layout**

**Media query support**

**Flexible grid system**

**Theming**

**Dark mode toggle**

**Theme switching**

**CSS variable-based theming**

**Interaction Design**

**Hover effects**

**Focus states**

**Smooth transitions**

**Additional Features:**

**Accessibility considerations**

**Performance-optimized styles**

**Modular design**

**Easy customization**

**Recommended Enhancements:**

**Add more component variations**

**Implement comprehensive accessibility features**

**Create more advanced theming options**

**Develop a more extensive component library**

**Add interaction and animation demos  
  
LOGIN##  
markup**

**Copy code**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>Login Page</title>**

**<link href="[https://fonts.googleapis.com/css2?family=Inter:wght@300;400;500;600;700&display=swap"](https://fonts.googleapis.com/css2?family=Inter:wght@300;400;500;600;700&display=swap") rel="stylesheet">**

**<style>**

**:root {**

**/\* Design System Tokens \*/**

**--color-primary:**

**#2196F3;**

**--color-secondary:**

**#F5F5F5;**

**--color-text-primary:**

**#333;**

**--color-text-secondary:**

**#666;**

**--color-background:**

**#FFFFFF;**

**--color-border:**

**#E0E0E0;**

**--font-family: 'Inter', sans-serif;**

**--border-radius: 8px;**

**--box-shadow: 0 4px 6px**

**rgba(0,0,0,0.1);**

**}**

**\* {**

**margin: 0;**

**padding: 0;**

**box-sizing: border-box;**

**}**

**body {**

**font-family: var(--font-family);**

**background-color: var(--color-secondary);**

**display: flex;**

**justify-content: center;**

**align-items: center;**

**min-height: 100vh;**

**line-height: 1.6;**

**}**

**.login-container {**

**display: flex;**

**width: 900px;**

**height: 600px;**

**background-color: var(--color-background);**

**border-radius: var(--border-radius);**

**box-shadow: var(--box-shadow);**

**overflow: hidden;**

**}**

**.login-image {**

**flex: 1;**

**background-image: url('[https://source.unsplash.com/random/800x600?technology');**

**](https://source.unsplash.com/random/800x600?technology');**

**) background-size: cover;**

**background-position: center;**

**position: relative;**

**}**

**.login-image::before {**

**content: '';**

**position: absolute;**

**top: 0;**

**left: 0;**

**right: 0;**

**bottom: 0;**

**background: linear-gradient(**

**135deg,**

**rgba(33, 150, 243, 0.8) 0%,**

**rgba(33, 150, 243, 0.3) 100%**

**);**

**}**

**.login-content {**

**flex: 1;**

**padding: 60px;**

**display: flex;**

**flex-direction: column;**

**justify-content: center;**

**}**

**.login-header {**

**text-align: center;**

**margin-bottom: 30px;**

**}**

**.login-header h1 {**

**color: var(--color-primary);**

**font-size: 28px;**

**margin-bottom: 10px;**

**}**

**.login-header p {**

**color: var(--color-text-secondary);**

**font-size: 16px;**

**}**

**.login-form {**

**display: flex;**

**flex-direction: column;**

**}**

**.form-group {**

**margin-bottom: 20px;**

**}**

**.form-group label {**

**display: block;**

**margin-bottom: 8px;**

**color: var(--color-text-primary);**

**font-weight: 500;**

**}**

**.form-input {**

**width: 100%;**

**padding: 12px;**

**border: 1px solid var(--color-border);**

**border-radius: var(--border-radius);**

**font-size: 16px;**

**transition: border-color 0.3s ease;**

**}**

**.form-input:focus {**

**outline: none;**

**border-color: var(--color-primary);**

**box-shadow: 0 0 0 3px**

**rgba(33, 150, 243, 0.2);**

**}**

**.login-button {**

**background-color: var(--color-primary);**

**color: white;**

**border: none;**

**padding: 14px;**

**border-radius: var(--border-radius);**

**font-size: 16px;**

**font-weight: 600;**

**cursor: pointer;**

**transition: background-color 0.3s ease, transform 0.2s ease;**

**}**

**.login-button:hover {**

**background-color:**

**#1976D2;**

**transform: translateY(-2px);**

**}**

**.login-button:active {**

**transform: translateY(0);**

**}**

**.login-extras {**

**display: flex;**

**justify-content: space-between;**

**margin-top: 20px;**

**font-size: 14px;**

**}**

**.login-extras a {**

**color: var(--color-primary);**

**text-decoration: none;**

**}**

**.social-login {**

**margin-top: 30px;**

**text-align: center;**

**}**

**.social-login p {**

**color: var(--color-text-secondary);**

**margin-bottom: 15px;**

**}**

**.social-buttons {**

**display: flex;**

**justify-content: center;**

**gap: 15px;**

**}**

**.social-button {**

**width: 50px;**

**height: 50px;**

**border-radius: 50%;**

**display: flex;**

**justify-content: center;**

**align-items: center;**

**background-color: var(--color-secondary);**

**border: 1px solid var(--color-border);**

**cursor: pointer;**

**transition: background-color 0.3s ease;**

**}**

**.social-button:hover {**

**background-color: var(--color-primary);**

**color: white;**

**}**

**.social-button i {**

**font-size: 24px;**

**}**

**@media (max-width: 768px) {**

**.login-container {**

**flex-direction: column;**

**width: 100%;**

**height: auto;**

**margin: 20px;**

**}**

**.login-image {**

**display: none;**

**}**

**.login-content {**

**padding: 30px;**

**}**

**}**

**</style>**

**<link rel="stylesheet" href="[https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">**

**</head>**

**<body>**

**](https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">**

**</head>**

**<body>**

**) <div class="login-container">**

**<div class="login-image"></div>**

**<div class="login-content">**

**<div class="login-header">**

**<h1>Welcome Back</h1>**

**<p>Login to continue to your dashboard</p>**

**</div>**

**<form class="login-form">**

**<div class="form-group">**

**<label for="email">Email Address</label>**

**<input**

**type="email"**

**id="email"**

**class="form-input"**

**placeholder="Enter your email"**

**required**

**>**

**</div>**

**<div class="form-group">**

**<label for="password">Password</label>**

**<input**

**type="password"**

**id="password"**

**class="form-input"**

**placeholder="Enter your password"**

**required**

**>**

**</div>**

**<button type="submit" class="login-button">**

**Login**

**</button>**

**<div class="login-extras">**

**<a href="#">Forgot Password?</a>**

**<a href="#">Create Account</a>**

**</div>**

**<div class="social-login">**

**<p>Or continue with</p>**

**<div class="social-buttons">**

**<div class="social-button">**

**<i class="fab fa-google"></i>**

**</div>**

**<div class="social-button">**

**<i class="fab fa-facebook-f"></i>**

**</div>**

**<div class="social-button">**

**<i class="fab fa-apple"></i>**

**</div>**

**</div>**

**</div>**

**</form>**

**</div>**

**</div>**

**<script>**

**// Login Form Validation and Submission**

**document.querySelector('.login-form').addEventListener('submit', function(e) {**

**e.preventDefault();**

**const email = document.getElementById('email').value;**

**const password = document.getElementById('password').value;**

**// Basic validation**

**if (!email || !password) {**

**alert('Please enter both email and password');**

**return;**

**}**

**// Simulated login process**

**console.log('Login attempt:', { email, password });**

**// In a real application, you would:**

**// 1. Validate credentials**

**// 2. Send request to authentication service**

**// 3. Handle response (success/failure)**

**// Placeholder success simulation**

**alert('Login successful!');**

**});**

**// Social Login Handlers**

**document.querySelectorAll('.social-button').forEach(button => {**

**button.addEventListener('click', function() {**

**const socialType = this.querySelector('i').classList.contains('fa-google') ? 'Google' :**

**this.querySelector('i').classList.contains('fa-facebook-f') ? 'Facebook' :**

**'Apple';**

**console.log(`Attempting ${socialType} login`);**

**// Implement social login logic**

**});**

**});**

**</script>**

**</body>**

**</html>**

**Key Features:**

**Responsive Design**

**Modern UI/UX**

**Social Login Options**

**Form Validation**

**Accessibility Considerations**

**Design System Tokens**

**Interactive Elements**

**Mobile-Friendly Layout**

**Design Highlights:**

**Gradient overlay on background image**

**Sleek form design**

**Hover and focus states**

**Social login integration**

**Responsive layout**

**Recommended Enhancements:**

**Implement actual authentication logic**

**Add more robust form validation**

**Create error handling mechanisms**

**Integrate with backend authentication service**

**Add loading states during login**

**markup**

**Copy code**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>AI Extractor - Dashboard</title>**

**<link href="[https://fonts.googleapis.com/css2?family=Inter:wght@300;400;500;600;700&display=swap"](https://fonts.googleapis.com/css2?family=Inter:wght@300;400;500;600;700&display=swap") rel="stylesheet">**

**<link rel="stylesheet" href="[https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">**

**<style>**

**:root](https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">**

**<style>**

**:root) {**

**/\* Design System Tokens \*/**

**--color-primary:**

**#2196F3;**

**--color-secondary:**

**#F5F5F5;**

**--color-text-primary:**

**#333;**

**--color-text-secondary:**

**#666;**

**--color-background:**

**#FFFFFF;**

**--color-border:**

**#E0E0E0;**

**--color-overlay:**

**rgba(33, 150, 243, 0.1);**

**--font-family: 'Inter', sans-serif;**

**--border-radius: 8px;**

**--box-shadow: 0 4px 6px**

**rgba(0,0,0,0.1);**

**}**

**\* {**

**margin: 0;**

**padding: 0;**

**box-sizing: border-box;**

**}**

**body {**

**font-family: var(--font-family);**

**background-color: var(--color-secondary);**

**line-height: 1.6;**

**color: var(--color-text-primary);**

**}**

**.page-wrapper {**

**position: relative;**

**min-height: 100vh;**

**}**

**.background-image {**

**position: fixed;**

**top: 0;**

**left: 0;**

**width: 100%;**

**height: 100%;**

**background-image: url('[https://source.unsplash.com/random/1600x900?technology');**

**background-size:](https://source.unsplash.com/random/1600x900?technology');**

**background-size:) cover;**

**background-position: center;**

**z-index: -2;**

**}**

**.background-overlay {**

**position: fixed;**

**top: 0;**

**left: 0;**

**width: 100%;**

**height: 100%;**

**background-color: var(--color-overlay);**

**backdrop-filter: blur(5px);**

**z-index: -1;**

**}**

**.container {**

**max-width: 1200px;**

**margin: 0 auto;**

**padding: 20px;**

**}**

**.header {**

**display: flex;**

**justify-content: space-between;**

**align-items: center;**

**padding: 20px 0;**

**}**

**.logo {**

**display: flex;**

**align-items: center;**

**color: var(--color-primary);**

**font-size: 24px;**

**font-weight: 700;**

**text-decoration: none;**

**}**

**.logo i {**

**margin-right: 10px;**

**}**

**.nav-menu {**

**display: flex;**

**gap: 20px;**

**}**

**.nav-link {**

**color: white;**

**text-decoration: none;**

**font-weight: 500;**

**position: relative;**

**transition: color 0.3s ease;**

**}**

**.nav-link::after {**

**content: '';**

**position: absolute;**

**width: 0;**

**height: 2px;**

**bottom: -5px;**

**left: 0;**

**background-color: var(--color-primary);**

**transition: width 0.3s ease;**

**}**

**.nav-link:hover {**

**color: var(--color-primary);**

**}**

**.nav-link:hover::after {**

**width: 100%;**

**}**

**.dashboard-grid {**

**display: grid;**

**grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));**

**gap: 20px;**

**margin-top: 30px;**

**}**

**.dashboard-card {**

**background-color:**

**rgba(255, 255, 255, 0.9);**

**border-radius: var(--border-radius);**

**padding: 20px;**

**box-shadow: var(--box-shadow);**

**transition: transform 0.3s ease, box-shadow 0.3s ease;**

**}**

**.dashboard-card:hover {**

**transform: translateY(-5px);**

**box-shadow: 0 6px 12px**

**rgba(0,0,0,0.15);**

**}**

**.card-header {**

**display: flex;**

**justify-content: space-between;**

**align-items: center;**

**margin-bottom: 15px;**

**}**

**.card-title {**

**font-size: 18px;**

**font-weight: 600;**

**color: var(--color-primary);**

**}**

**.card-icon {**

**font-size: 24px;**

**color: var(--color-primary);**

**}**

**.card-content {**

**color: var(--color-text-secondary);**

**}**

**.action-button {**

**display: inline-block;**

**background-color: var(--color-primary);**

**color: white;**

**padding: 10px 20px;**

**border-radius: var(--border-radius);**

**text-decoration: none;**

**margin-top: 15px;**

**transition: background-color 0.3s ease;**

**}**

**.action-button:hover {**

**background-color:**

**#1976D2;**

**}**

**.user-profile {**

**display: flex;**

**align-items: center;**

**background-color:**

**rgba(255, 255, 255, 0.2);**

**padding: 10px 15px;**

**border-radius: var(--border-radius);**

**}**

**.user-avatar {**

**width: 40px;**

**height: 40px;**

**border-radius: 50%;**

**margin-right: 10px;**

**background-image: url('[https://source.unsplash.com/random/40x40?face');**

**background-size:](https://source.unsplash.com/random/40x40?face');**

**background-size:) cover;**

**background-position: center;**

**}**

**.user-info {**

**color: white;**

**}**

**.user-name {**

**font-weight: 600;**

**}**

**.user-role {**

**font-size: 12px;**

**color:**

**rgba(255,255,255,0.7);**

**}**

**@media (max-width: 768px) {**

**.nav-menu {**

**display: none; /\* Mobile menu to be implemented \*/**

**}**

**.dashboard-grid {**

**grid-template-columns: 1fr;**

**}**

**}**

**</style>**

**</head>**

**<body>**

**<div class="page-wrapper">**

**<div class="background-image"></div>**

**<div class="background-overlay"></div>**

**<div class="container">**

**<header class="header">**

**<a href="#" class="logo">**

**<i class="fas fa-robot"></i>**

**AI Extractor**

**</a>**

**<nav class="nav-menu">**

**<a href="#" class="nav-link">Dashboard</a>**

**<a href="#" class="nav-link">Data Center</a>**

**<a href="#" class="nav-link">Stryke Center</a>**

**<a href="#" class="nav-link">Settings</a>**

**</nav>**

**<div class="user-profile">**

**<div class="user-avatar"></div>**

**<div class="user-info">**

**<div class="user-name">John Doe</div>**

**<div class="user-role">Administrator</div>**

**</div>**

**</div>**

**</header>**

**<div class="dashboard-grid">**

**<div class="dashboard-card">**

**<div class="card-header">**

**<h2 class="card-title">Data Extraction</h2>**

**<i class="fas fa-database card-icon"></i>**

**</div>**

**<div class="card-content">**

**Extract and process data from various sources with advanced AI-powered tools.**

**</div>**

**<a href="#" class="action-button">Start Extraction</a>**

**</div>**

**<div class="dashboard-card">**

**<div class="card-header">**

**<h2 class="card-title">AI Processing</h2>**

**<i class="fas fa-brain card-icon"></i>**

**</div>**

**<div class="card-content">**

**Leverage advanced AI models to analyze and derive insights from your data.**

**</div>**

**<a href="#" class="action-button">Begin Processing</a>**

**</div>**

**<div class="dashboard-card">**

**<div class="card-header">**

**<h2 class="card-title">Configuration</h2>**

**<i class="fas fa-cog card-icon"></i>**

**</div>**

**<div class="card-content">**

**Customize your extraction and processing settings to suit your specific needs.**

**</div>**

**<a href="#" class="action-button">Manage Settings</a>**

**</div>**

**</div>**

**</div>**

**</div>**

**<script>**

**// Interactive elements and dynamic content can be added here**

**document.querySelectorAll('.action-button').forEach(button => {**

**button.addEventListener('click', (e) => {**

**e.preventDefault();**

**console.log(`Navigating to: ${button.textContent}`);**

**// Implement navigation logic**

**});**

**});**

**</script>**

**</body>**

**</html>**

**Key Design Features:**

**Consistent Design Language**

**Similar color palette to login page**

**Blurred background with dim overlay**

**Responsive layout**

**Modern, clean typography**

**Background Treatment**

**Full-screen background image**

**Soft color overlay**

**Blur effect to highlight content**

**Responsive background scaling**

**Navigation**

**Hover effects on menu items**

**Underline animation**

**Clear, readable typography**

**User profile integration**

**Dashboard Cards**

**Translucent background**

**Hover effects**

**Consistent iconography**

**Action buttons**

**Responsive Considerations**

**Mobile-friendly layout**

**Adaptive design**

**Flexible grid system**

**Recommended Enhancements:**

**Implement mobile navigation menu**

**Add more interactive dashboard elements**

**Create dynamic content loading**

**Develop comprehensive user management**

**Integrate with backend services**

**Would you like me to elaborate on any specific aspect of the homepage design or discuss potential improvements?**

**Potential Next Steps:**

**Create mobile-specific layouts**

**Develop more advanced dashboard widgets**

**Implement real-time data updates**

**Add more interactive elements**

**Create comprehensive navigation system**

**markup**

**Copy code**

**<div class="dashboard-card report-card">**

**<div class="card-header">**

**<h2 class="card-title">Reports</h2>**

**<i class="fas fa-chart-pie card-icon report-icon"></i>**

**</div>**

**<div class="card-content">**

**Generate comprehensive reports and visualize your data insights.**

**</div>**

**<a href="#" class="action-button report-button">Generate Reports</a>**

**</div>**

**<style>**

**/\* Additional styles for the Report card \*/**

**.report-card {**

**background-color:**

**rgba(255, 255, 255, 0.95);**

**border-left: 4px solid**

**#FF6B6B; /\* Accent color \*/**

**}**

**.report-icon {**

**color:**

**#FF6B6B; /\* Distinctive color for reports \*/**

**transition: transform 0.3s ease;**

**}**

**.report-card:hover .report-icon {**

**transform: rotate(15deg);**

**}**

**.report-button {**

**background-color:**

**#FF6B6B;**

**}**

**.report-button:hover {**

**background-color:**

**#FF4757;**

**}**

**</style>**

**Key Design Elements:**

**Chart Pie Icon (representing reports)**

**Distinctive color scheme**

**Hover animation**

**Unique styling to differentiate from other cards**

**Would you like me to integrate this into the full homepage design or make any specific modifications?**

**Suggested Enhancements:**

**Add hover effects**

**Create subtle animations**

**Implement distinctive visual cues**

**Ensure consistency with overall design language**

**markup**

**Copy code**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>Reports Section</title>**

**<link href="[https://fonts.googleapis.com/css2?family=Inter:wght@300;400;500;600;700&display=swap"](https://fonts.googleapis.com/css2?family=Inter:wght@300;400;500;600;700&display=swap") rel="stylesheet">**

**<link rel="stylesheet" href="[https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">**

**<style>**

**:root](https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">**

**<style>**

**:root) {**

**/\* Design System Tokens \*/**

**--color-primary:**

**#2196F3;**

**--color-secondary:**

**#F5F5F5;**

**--color-text-primary:**

**#333;**

**--color-text-secondary:**

**#666;**

**--color-background:**

**#FFFFFF;**

**--color-border:**

**#E0E0E0;**

**--color-overlay:**

**rgba(33, 150, 243, 0.1);**

**--font-family: 'Inter', sans-serif;**

**--border-radius: 8px;**

**--box-shadow: 0 4px 6px**

**rgba(0,0,0,0.1);**

**}**

**\* {**

**margin: 0;**

**padding: 0;**

**box-sizing: border-box;**

**}**

**body {**

**font-family: var(--font-family);**

**background-color: var(--color-secondary);**

**line-height: 1.6;**

**color: var(--color-text-primary);**

**}**

**.reports-section {**

**position: relative;**

**min-height: 100vh;**

**display: flex;**

**flex-direction: column;**

**}**

**.reports-background {**

**position: absolute;**

**top: 0;**

**left: 0;**

**width: 100%;**

**height: 100%;**

**background-image: url('[https://source.unsplash.com/random/1600x900?data,analytics');**

**background-size:](https://source.unsplash.com/random/1600x900?data,analytics');**

**background-size:) cover;**

**background-position: center;**

**z-index: -2;**

**}**

**.reports-overlay {**

**position: absolute;**

**top: 0;**

**left: 0;**

**width: 100%;**

**height: 100%;**

**background-color:**

**rgba(0, 0, 0, 0.6); /\* Dimmed overlay \*/**

**z-index: -1;**

**}**

**.container {**

**max-width: 1200px;**

**margin: 0 auto;**

**padding: 20px;**

**width: 100%;**

**z-index: 1;**

**}**

**.reports-header {**

**color: white;**

**text-align: center;**

**padding: 50px 0;**

**}**

**.reports-header h1 {**

**font-size: 36px;**

**margin-bottom: 15px;**

**}**

**.reports-header p {**

**font-size: 18px;**

**color:**

**rgba(255,255,255,0.8);**

**}**

**.reports-grid {**

**display: grid;**

**grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));**

**gap: 20px;**

**}**

**.report-card {**

**background-color:**

**rgba(255, 255, 255, 0.9);**

**border-radius: var(--border-radius);**

**padding: 20px;**

**box-shadow: var(--box-shadow);**

**transition: transform 0.3s ease, box-shadow 0.3s ease;**

**}**

**.report-card:hover {**

**transform: translateY(-5px);**

**box-shadow: 0 6px 12px**

**rgba(0,0,0,0.15);**

**}**

**.card-header {**

**display: flex;**

**justify-content: space-between;**

**align-items: center;**

**margin-bottom: 15px;**

**}**

**.card-title {**

**font-size: 18px;**

**font-weight: 600;**

**color: var(--color-primary);**

**}**

**.card-icon {**

**font-size: 24px;**

**color: var(--color-primary);**

**}**

**.card-content {**

**color: var(--color-text-secondary);**

**margin-bottom: 15px;**

**}**

**.action-button {**

**display: inline-block;**

**background-color: var(--color-primary);**

**color: white;**

**padding: 10px 20px;**

**border-radius: var(--border-radius);**

**text-decoration: none;**

**transition: background-color 0.3s ease;**

**}**

**.action-button:hover {**

**background-color:**

**#1976D2;**

**}**

**.report-filters {**

**display: flex;**

**justify-content: center;**

**gap: 15px;**

**margin-bottom: 30px;**

**}**

**.filter-button {**

**background-color:**

**rgba(255,255,255,0.2);**

**color: white;**

**border: none;**

**padding: 10px 20px;**

**border-radius: var(--border-radius);**

**cursor: pointer;**

**transition: background-color 0.3s ease;**

**}**

**.filter-button:hover,**

**.filter-button.active {**

**background-color: var(--color-primary);**

**}**

**@media (max-width: 768px) {**

**.reports-grid {**

**grid-template-columns: 1fr;**

**}**

**.report-filters {**

**flex-direction: column;**

**align-items: center;**

**}**

**}**

**</style>**

**</head>**

**<body>**

**<div class="reports-section">**

**<div class="reports-background"></div>**

**<div class="reports-overlay"></div>**

**<div class="container">**

**<div class="reports-header">**

**<h1>Comprehensive Reports & Analytics</h1>**

**<p>Gain insights, track performance, and make data-driven decisions</p>**

**</div>**

**<div class="report-filters">**

**<button class="filter-button active">All Reports</button>**

**<button class="filter-button">Performance</button>**

**<button class="filter-button">Financial</button>**

**<button class="filter-button">Operational</button>**

**</div>**

**<div class="reports-grid">**

**<div class="report-card">**

**<div class="card-header">**

**<h2 class="card-title">Performance Analytics</h2>**

**<i class="fas fa-chart-line card-icon"></i>**

**</div>**

**<div class="card-content">**

**Detailed performance metrics and trend analysis across multiple dimensions.**

**</div>**

**<a href="#" class="action-button">View Report</a>**

**</div>**

**<div class="report-card">**

**<div class="card-header">**

**<h2 class="card-title">Financial Overview</h2>**

**<i class="fas fa-dollar-sign card-icon"></i>**

**</div>**

**<div class="card-content">**

**Comprehensive financial reporting with interactive visualizations.**

**</div>**

**<a href="#" class="action-button">Analyze Financials</a>**

**</div>**

**<div class="report-card">**

**<div class="card-header">**

**<h2 class="card-title">Operational Insights</h2>**

**<i class="fas fa-cogs card-icon"></i>**

**</div>**

**<div class="card-content">**

**In-depth analysis of operational efficiency and key performance indicators.**

**</div>**

**<a href="#" class="action-button">Explore Insights</a>**

**</div>**

**<div class="report-card">**

**<div class="card-header">**

**<h2 class="card-title">Custom Reports</h2>**

**<i class="fas fa-chart-pie card-icon"></i>**

**</div>**

**<div class="card-content">**

**Create and customize reports tailored to your specific business needs.**

**</div>**

**<a href="#" class="action-button">Create Report</a>**

**</div>**

**</div>**

**</div>**

**</div>**

**<script>**

**// Interactive filter buttons**

**document.querySelectorAll('.filter-button').forEach(button => {**

**button.addEventListener('click', () => {**

**// Remove active class from all buttons**

**document.querySelectorAll('.filter-button').forEach(btn =>**

**btn.classList.remove('active')**

**);**

**// Add active class to clicked button**

**button.classList.add('active');**

**});**

**});**

**</script>**

**</body>**

**</html>**

**Key Design Features:**

**Dimmed Background**

**Full-screen background image**

**Dark overlay to reduce brightness**

**Maintains readability**

**Responsive Layout**

**Flexible grid system**

**Mobile-friendly design**

**Adaptive content**

**Report Cards**

**Translucent white background**

**Hover effects**

**Consistent iconography**

**Action buttons**

**Filter Mechanism**

**Interactive filter buttons**

**Active state highlighting**

**Responsive design**

**Recommended Enhancements:**

**Add actual data visualization**

**Implement dynamic report loading**

**Create more advanced filtering**

**Add authentication checks**

**Develop real-time data updates**

**Would you like me to elaborate on any specific aspect of the reports section design or discuss potential improvements?**

**Potential Next Steps:**

**Integrate with data sources**

**Develop advanced filtering**

**Create more interactive visualizations**

**Implement user-specific reporting**

**Add export functionality**