**# 🎮 DXP Prompt Library - Interactive Command Tree Structure**

**## 🎯 \*\*Command Palette Access Map\*\***

*\*Press `Ctrl+Shift+P` and type `DXP:` to access all commands\**

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**## 🎮 \*\*Command 1: "DXP: Generate Component"\*\***

*\*Direct access to all 39 component snippets\**

```

Ctrl+Shift+P → "DXP: Generate Component"

│

├── 🔧 \*\*Foundation Layer Components\*\* (5 snippets)

│   ├── 📄 Service Interface

│   │   ├── 🎯 Purpose: Core service contracts

│   │   ├── 📁 Location: Foundation.ServiceName

│   │   └── 💻 Generates: Interface with dependency injection

│   │

│   ├── 📄 Logging Service

│   │   ├── 🎯 Purpose: Centralized logging

│   │   ├── 📁 Location: Foundation.Logging

│   │   └── 💻 Generates: Sitecore logging implementation

│   │

│   ├── 📄 Cache Service

│   │   ├── 🎯 Purpose: Performance optimization

│   │   ├── 📁 Location: Foundation.Cache

│   │   └── 💻 Generates: Thread-safe caching service

│   │

│   ├── 📄 Configuration Service

│   │   ├── 🎯 Purpose: Settings management

│   │   ├── 📁 Location: Foundation.Configuration

│   │   └── 💻 Generates: Type-safe configuration access

│   │

│   └── 📄 DI Configuration

│       ├── 🎯 Purpose: Dependency injection setup

│       ├── 📁 Location: Foundation.DependencyInjection

│       └── 💻 Generates: Service registration configuration

│

├── 🎯 \*\*Feature Layer Components\*\* (5 snippets)

│   ├── 📄 Controller Action

│   │   ├── 🎯 Purpose: MVC action methods

│   │   ├── 📁 Location: Feature.FeatureName.Controllers

│   │   └── 💻 Generates: Action with model binding & validation

│   │

│   ├── 📄 View Model

│   │   ├── 🎯 Purpose: Data transfer objects

│   │   ├── 📁 Location: Feature.FeatureName.Models

│   │   └── 💻 Generates: POCO with Glass Mapper attributes

│   │

│   ├── 📄 Glass Mapper Model

│   │   ├── 🎯 Purpose: Sitecore item mapping

│   │   ├── 📁 Location: Feature.FeatureName.Models

│   │   └── 💻 Generates: Strongly-typed Sitecore model

│   │

│   ├── 📄 Service Layer

│   │   ├── 🎯 Purpose: Business logic implementation

│   │   ├── 📁 Location: Feature.FeatureName.Services

│   │   └── 💻 Generates: Service with interface & DI

│   │

│   └── 📄 Razor View

│       ├── 🎯 Purpose: Presentation layer

│       ├── 📁 Location: Feature.FeatureName.Views

│       └── 💻 Generates: Strongly-typed Razor view

│

├── 🌐 \*\*Project Layer Components\*\* (5 snippets)

│   ├── 📄 Site Controller

│   │   ├── 🎯 Purpose: Site-specific controllers

│   │   ├── 📁 Location: Project.SiteName.Controllers

│   │   └── 💻 Generates: Base controller with common functionality

│   │

│   ├── 📄 Layout View

│   │   ├── 🎯 Purpose: Master page layouts

│   │   ├── 📁 Location: Project.SiteName.Views.Shared

│   │   └── 💻 Generates: Responsive layout with placeholders

│   │

│   ├── 📄 Site Configuration

│   │   ├── 🎯 Purpose: Site-specific settings

│   │   ├── 📁 Location: Project.SiteName.Configuration

│   │   └── 💻 Generates: Configuration classes & bindings

│   │

│   ├── 📄 Global Navigation

│   │   ├── 🎯 Purpose: Site navigation components

│   │   ├── 📁 Location: Project.SiteName.Components

│   │   └── 💻 Generates: Hierarchical navigation with caching

│   │

│   └── 📄 Asset Pipeline

│       ├── 🎯 Purpose: CSS/JS optimization

│       ├── 📁 Location: Project.SiteName.Assets

│       └── 💻 Generates: Bundling & minification setup

│

├── 🎮 \*\*UI Components\*\* (5 snippets)

│   ├── 📄 Carousel Component

│   │   ├── 🎯 Purpose: Interactive image carousel

│   │   ├── 📁 Location: Feature.Components.Carousel

│   │   └── 💻 Generates: Responsive carousel with controls

│   │

│   ├── 📄 Form Component

│   │   ├── 🎯 Purpose: Dynamic form generation

│   │   ├── 📁 Location: Feature.Components.Forms

│   │   └── 💻 Generates: Validated form with CSRF protection

│   │

│   ├── 📄 Navigation Component

│   │   ├── 🎯 Purpose: Reusable navigation elements

│   │   ├── 📁 Location: Feature.Components.Navigation

│   │   └── 💻 Generates: Accessible navigation with breadcrumbs

│   │

│   ├── 📄 Search Component

│   │   ├── 🎯 Purpose: Site search functionality

│   │   ├── 📁 Location: Feature.Components.Search

│   │   └── 💻 Generates: Search with filters & pagination

│   │

│   └── 📄 Media Gallery

│       ├── 🎯 Purpose: Image/video galleries

│       ├── 📁 Location: Feature.Components.Media

│       └── 💻 Generates: Responsive gallery with lightbox

│

├── 🧪 \*\*Testing Components\*\* (5 snippets)

│   ├── 📄 Unit Test

│   │   ├── 🎯 Purpose: Component unit testing

│   │   ├── 📁 Location: Tests.Unit.ComponentName

│   │   └── 💻 Generates: xUnit test with mocking

│   │

│   ├── 📄 Integration Test

│   │   ├── 🎯 Purpose: Integration testing

│   │   ├── 📁 Location: Tests.Integration.FeatureName

│   │   └── 💻 Generates: End-to-end test scenarios

│   │

│   ├── 📄 Test Data Builder

│   │   ├── 🎯 Purpose: Test data generation

│   │   ├── 📁 Location: Tests.Builders

│   │   └── 💻 Generates: Fluent test data builder

│   │

│   ├── 📄 Mock Configuration

│   │   ├── 🎯 Purpose: Test doubles setup

│   │   ├── 📁 Location: Tests.Mocks

│   │   └── 💻 Generates: Mock services & repositories

│   │

│   └── 📄 E2E Test

│       ├── 🎯 Purpose: End-to-end automation

│       ├── 📁 Location: Tests.E2E

│       └── 💻 Generates: Selenium/Playwright tests

│

├── 🎨 \*\*Styling Components\*\* (1 snippet)

│   └── 📄 SCSS Component

│       ├── 🎯 Purpose: Component-specific styles

│       ├── 📁 Location: Assets.Styles.Components

│       └── 💻 Generates: SCSS with BEM methodology

│

└── 📋 \*\*SDLC Component Templates\*\* (13 snippets)

    ├── 📄 User Story Template

    ├── 📄 Unit Test Suite

    ├── 📄 Azure DevOps Pipeline

    ├── 📄 Technical Requirements

    ├── 📄 Architecture Diagram

    ├── 📄 API Specification

    ├── 📄 Data Model Design

    ├── 📄 Security Requirements

    ├── 📄 Performance Tests

    ├── 📄 Accessibility Testing

    ├── 📄 Docker Setup

    ├── 📄 Monitoring Setup

    └── 📄 Log Analysis

```

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**## 📋 \*\*Command 2: "DXP: SDLC Templates"\*\***

*\*Complete software development lifecycle templates (36 templates)\**

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Ctrl+Shift+P → "DXP: SDLC Templates"

│

├── 📋 \*\*Planning & Analysis Phase\*\* (6 templates)

│   ├── 📄 User Story Template

│   │   ├── 🎯 Purpose: Agile user story documentation

│   │   ├── 📝 Format: As a [user], I want [goal] so that [benefit]

│   │   ├── ✅ Acceptance Criteria: Given/When/Then format

│   │   └── 📊 Estimation: Story points & effort hours

│   │

│   ├── 📄 Technical Requirements Document

│   │   ├── 🎯 Purpose: Detailed technical specifications

│   │   ├── 📋 Sections: Functional/Non-functional requirements

│   │   ├── 🔧 Technology: Architecture decisions & constraints

│   │   └── 📈 Metrics: Performance & scalability targets

│   │

│   ├── 📄 Architecture Diagram Template

│   │   ├── 🎯 Purpose: System architecture visualization

│   │   ├── 🏗️ Components: Services, databases, external systems

│   │   ├── 🔄 Flow: Data flow & communication patterns

│   │   └── 🛡️ Security: Authentication & authorization layers

│   │

│   ├── 📄 API Specification Template

│   │   ├── 🎯 Purpose: RESTful API documentation

│   │   ├── 🌐 Endpoints: HTTP methods, URLs, parameters

│   │   ├── 📝 Schemas: Request/response models

│   │   └── 🔧 Examples: Sample requests & responses

│   │

│   ├── 📄 Data Model Design

│   │   ├── 🎯 Purpose: Database schema documentation

│   │   ├── 📊 Tables: Entity relationships & constraints

│   │   ├── 🔑 Indexes: Performance optimization strategy

│   │   └── 🔄 Migration: Schema evolution planning

│   │

│   └── 📄 Security Requirements Template

│       ├── 🎯 Purpose: Security specification document

│       ├── 🛡️ Authentication: Identity management strategy

│       ├── 🔐 Authorization: Role-based access control

│       └── 🔍 Compliance: GDPR, SOX, industry standards

│

├── 💻 \*\*Development & Implementation Phase\*\* (6 templates)

│   ├── 📄 Foundation Module Template

│   │   ├── 🎯 Purpose: Shared foundation layer setup

│   │   ├── 🔧 Services: Logging, caching, configuration

│   │   ├── 🏗️ Structure: Helix architecture compliance

│   │   └── 📦 Packaging: NuGet package preparation

│   │

│   ├── 📄 Feature Module Template

│   │   ├── 🎯 Purpose: Business feature implementation

│   │   ├── 🎮 Controllers: MVC action methods

│   │   ├── 📝 Models: View models & Glass Mapper

│   │   └── 🎨 Views: Razor templates & components

│   │

│   ├── 📄 Project Module Template

│   │   ├── 🎯 Purpose: Site-specific implementation

│   │   ├── 🌐 Layout: Master pages & navigation

│   │   ├── ⚙️ Configuration: Site settings & bindings

│   │   └── 🎨 Theme: Styling & asset management

│   │

│   ├── 📄 Component Library Template

│   │   ├── 🎯 Purpose: Reusable UI components

│   │   ├── 🎮 Interactive: JavaScript-enhanced components

│   │   ├── ♿ Accessible: WCAG 2.1 AA compliance

│   │   └── 📱 Responsive: Mobile-first design

│   │

│   ├── 📄 API Endpoints Template

│   │   ├── 🎯 Purpose: RESTful API implementation

│   │   ├── 🌐 Controllers: Web API controllers

│   │   ├── 📝 Serialization: JSON/XML responses

│   │   └── 🔧 Middleware: Authentication, logging, CORS

│   │

│   └── 📄 Database Integration Template

│       ├── 🎯 Purpose: Data access layer setup

│       ├── 🔧 ORM: Entity Framework configuration

│       ├── 📊 Repositories: Generic repository pattern

│       └── 🔄 Migrations: Database versioning strategy

│

├── 🧪 \*\*Testing & Quality Assurance Phase\*\* (6 templates)

│   ├── 📄 Unit Test Suite Template

│   │   ├── 🎯 Purpose: Comprehensive unit testing

│   │   ├── 🧪 Framework: xUnit with FluentAssertions

│   │   ├── 🎭 Mocking: Moq for dependencies

│   │   └── 📊 Coverage: Code coverage reporting

│   │

│   ├── 📄 Integration Test Framework

│   │   ├── 🎯 Purpose: Integration testing setup

│   │   ├── 🗄️ Database: Test database configuration

│   │   ├── 🌐 API: HTTP client testing

│   │   └── 🔧 Environment: Test environment setup

│   │

│   ├── 📄 E2E Test Framework Template

│   │   ├── 🎯 Purpose: End-to-end automation

│   │   ├── 🎭 Tools: Selenium/Playwright setup

│   │   ├── 📄 Page Objects: Maintainable test structure

│   │   └── 📊 Reporting: Test results & screenshots

│   │

│   ├── 📄 Performance Test Template

│   │   ├── 🎯 Purpose: Load & stress testing

│   │   ├── ⚡ Tools: JMeter/k6 test scripts

│   │   ├── 📈 Metrics: Response times, throughput

│   │   └── 🎯 Targets: Performance benchmarks

│   │

│   ├── 📄 Security Testing Template

│   │   ├── 🎯 Purpose: Security vulnerability assessment

│   │   ├── 🔍 OWASP: Top 10 security testing

│   │   ├── 🛡️ Penetration: Security scanning tools

│   │   └── 📋 Compliance: Security audit checklist

│   │

│   └── 📄 Accessibility Testing Template

│       ├── 🎯 Purpose: WCAG compliance verification

│       ├── ♿ Tools: axe-core, WAVE, screen readers

│       ├── 📋 Checklist: A11y audit requirements

│       └── 🔧 Automation: Automated accessibility tests

│

├── 🚀 \*\*Deployment & DevOps Phase\*\* (6 templates)

│   ├── 📄 Azure DevOps Pipeline Template

│   │   ├── 🎯 Purpose: CI/CD pipeline configuration

│   │   ├── 🔧 Build: Compilation, testing, packaging

│   │   ├── 🚀 Deploy: Multi-environment deployment

│   │   └── 📊 Monitoring: Pipeline analytics & alerts

│   │

│   ├── 📄 Docker Setup Template

│   │   ├── 🎯 Purpose: Container orchestration

│   │   ├── 🐳 Dockerfile: Multi-stage builds

│   │   ├── 🔧 Compose: Service orchestration

│   │   └── 🌐 Registry: Image management strategy

│   │

│   ├── 📄 Environment Configuration Template

│   │   ├── 🎯 Purpose: Environment-specific settings

│   │   ├── ⚙️ Variables: Environment configuration

│   │   ├── 🔑 Secrets: Secure credential management

│   │   └── 🔧 Validation: Configuration testing

│   │

│   ├── 📄 Monitoring Setup Template

│   │   ├── 🎯 Purpose: Application monitoring

│   │   ├── 📊 Metrics: Performance & business metrics

│   │   ├── 🚨 Alerts: Threshold-based notifications

│   │   └── 📈 Dashboards: Real-time visualization

│   │

│   ├── 📄 Backup Strategy Template

│   │   ├── 🎯 Purpose: Data protection strategy

│   │   ├── 💾 Automated: Scheduled backup jobs

│   │   ├── 🔄 Recovery: Disaster recovery procedures

│   │   └── 🧪 Testing: Backup verification tests

│   │

│   └── 📄 SSL Configuration Template

│       ├── 🎯 Purpose: HTTPS security setup

│       ├── 🔐 Certificates: SSL/TLS certificate management

│       ├── 🔧 Configuration: Web server SSL setup

│       └── 🔄 Renewal: Automated certificate renewal

│

├── 🔧 \*\*Maintenance & Support Phase\*\* (6 templates)

│   ├── 📄 Monitoring Dashboard Template

│   │   ├── 🎯 Purpose: Operational visibility

│   │   ├── 📊 Metrics: System health indicators

│   │   ├── 🎯 KPIs: Business performance metrics

│   │   └── 🚨 Alerts: Real-time issue detection

│   │

│   ├── 📄 Log Analysis Template

│   │   ├── 🎯 Purpose: Centralized logging analysis

│   │   ├── 🔍 Parsing: Log pattern recognition

│   │   ├── 📈 Analytics: Trend analysis & insights

│   │   └── 🚨 Alerting: Exception & error tracking

│   │

│   ├── 📄 Performance Optimization Template

│   │   ├── 🎯 Purpose: Performance tuning guide

│   │   ├── ⚡ Profiling: Performance bottleneck analysis

│   │   ├── 🔧 Optimization: Code & database tuning

│   │   └── 📊 Monitoring: Performance regression detection

│   │

│   ├── 📄 Troubleshooting Guide Template

│   │   ├── 🎯 Purpose: Issue resolution procedures

│   │   ├── 🔍 Diagnosis: Problem identification steps

│   │   ├── 🔧 Solutions: Common issue resolutions

│   │   └── 📞 Escalation: Support escalation matrix

│   │

│   ├── 📄 Security Updates Template

│   │   ├── 🎯 Purpose: Security patch management

│   │   ├── 🔍 Scanning: Vulnerability assessment

│   │   ├── 🔧 Patching: Update deployment process

│   │   └── 📋 Compliance: Security audit compliance

│   │

│   └── 📄 User Documentation Template

│       ├── 🎯 Purpose: End-user guidance

│       ├── 📖 Guides: Step-by-step procedures

│       ├── 🎥 Training: Video tutorial templates

│       └── ❓ FAQ: Frequently asked questions

│

└── 📈 \*\*Optimization & Enhancement Phase\*\* (6 templates)

    ├── 📄 Performance Analysis Template

    │   ├── 🎯 Purpose: System performance evaluation

    │   ├── 📊 Metrics: Response times, throughput, errors

    │   ├── 🔍 Analysis: Bottleneck identification

    │   └── 📈 Recommendations: Optimization strategies

    │

    ├── 📄 A/B Testing Setup Template

    │   ├── 🎯 Purpose: Feature experiment framework

    │   ├── 🧪 Design: Experiment design methodology

    │   ├── 📊 Analytics: Statistical analysis setup

    │   └── 🎯 Decision: Data-driven feature decisions

    │

    ├── 📄 User Feedback System Template

    │   ├── 🎯 Purpose: User experience improvement

    │   ├── 📝 Collection: Feedback gathering mechanisms

    │   ├── 📊 Analysis: Sentiment & trend analysis

    │   └── 🔄 Action: Feedback-driven improvements

    │

    ├── 📄 Feature Enhancement Template

    │   ├── 🎯 Purpose: Feature evolution planning

    │   ├── 📋 Roadmap: Feature development pipeline

    │   ├── 🎯 Prioritization: Value-based feature ranking

    │   └── 📊 Impact: Feature success measurement

    │

    ├── 📄 Analytics Integration Template

    │   ├── 🎯 Purpose: Business intelligence setup

    │   ├── 📊 Tracking: Event & conversion tracking

    │   ├── 📈 Dashboards: Business metric visualization

    │   └── 🎯 Insights: Data-driven decision support

    │

    └── 📄 Scalability Planning Template

        ├── 🎯 Purpose: Growth preparation strategy

        ├── 📈 Capacity: Load forecasting & planning

        ├── 🏗️ Architecture: Scalable design patterns

        └── 💰 Cost: Scalability cost optimization

```

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**## 🔍 \*\*Command 3: "DXP: Search Prompts"\*\***

*\*Fuzzy search across all 75 prompts with intelligent filtering\**

```

Ctrl+Shift+P → "DXP: Search Prompts"

│

├── 🔍 \*\*Search Interface\*\*

│   ├── 📝 Search Input: Type keywords, partial matches, or descriptions

│   ├── ⚡ Real-time Results: Instant search as you type

│   ├── 🎯 Relevance Scoring: Best matches appear first

│   └── 📊 Result Count: Shows total matches found

│

├── 🎯 \*\*Search Categories\*\* (Auto-filtered)

│   ├── 🔧 Foundation (5 results)

│   ├── 🎯 Feature (5 results)

│   ├── 🌐 Project (5 results)

│   ├── 🎮 UI Components (5 results)

│   ├── 🧪 Testing (5 results)

│   ├── 🎨 Styling (1 result)

│   └── 📋 SDLC (49 results)

│

├── 🔍 \*\*Search Examples\*\*

│   ├── 💻 "controller" → Finds: Controller Action, Site Controller, API Controllers

│   ├── 🧪 "test" → Finds: Unit Test, Integration Test, E2E Test, Performance Test

│   ├── 🎨 "component" → Finds: All UI components, component tests, styling

│   ├── 🔧 "service" → Finds: Service Interface, Logging Service, Cache Service

│   ├── 📋 "deploy" → Finds: Azure DevOps Pipeline, Docker Setup, Environment Config

│   ├── 🛡️ "security" → Finds: Security Requirements, Security Testing, SSL Config

│   ├── 📊 "performance" → Finds: Performance Tests, Performance Analysis, Optimization

│   └── ⚡ "cache" → Finds: Cache Service, Performance optimization templates

│

├── 🎯 \*\*Smart Suggestions\*\*

│   ├── 📝 Context-Aware: Suggests based on current file type

│   ├── 🔄 Recent: Shows recently used prompts

│   ├── 👥 Popular: Highlights most-used templates

│   └── 🎯 Related: Shows similar prompts to your search

│

└── 📊 \*\*Search Results Format\*\*

    ├── 📄 Prompt Name: Clear, descriptive title

    ├── 📂 Category: Foundation/Feature/Project/etc.

    ├── 🎯 Purpose: Brief description of functionality

    ├── ⭐ Relevance: Match score (0-100%)

    └── 🔗 Quick Insert: One-click code generation

```

---

**## 📂 \*\*Command 4: "DXP: Browse Templates"\*\***

*\*Category-based browsing of all prompts organized by purpose\**

```

Ctrl+Shift+P → "DXP: Browse Templates"

│

├── 🔧 \*\*Foundation Layer\*\* (5 prompts)

│   ├── 📋 Category Description: "Shared services and infrastructure components"

│   ├── 🎯 Use Case: "Cross-cutting concerns, utilities, shared functionality"

│   ├── 📁 Helix Layer: Foundation

│   └── 📄 Available Templates:

│       ├── Service Interface → Core service contracts

│       ├── Logging Service → Centralized logging

│       ├── Cache Service → Performance optimization

│       ├── Configuration Service → Settings management

│       └── DI Configuration → Dependency injection setup

│

├── 🎯 \*\*Feature Layer\*\* (5 prompts)

│   ├── 📋 Category Description: "Business logic and feature implementation"

│   ├── 🎯 Use Case: "Specific business features, user stories, functionality"

│   ├── 📁 Helix Layer: Feature

│   └── 📄 Available Templates:

│       ├── Controller Action → MVC action methods

│       ├── View Model → Data transfer objects

│       ├── Glass Mapper Model → Sitecore item mapping

│       ├── Service Layer → Business logic implementation

│       └── Razor View → Presentation layer

│

├── 🌐 \*\*Project Layer\*\* (5 prompts)

│   ├── 📋 Category Description: "Site-specific implementation and configuration"

│   ├── 🎯 Use Case: "Tenant-specific features, site configuration, themes"

│   ├── 📁 Helix Layer: Project

│   └── 📄 Available Templates:

│       ├── Site Controller → Site-specific controllers

│       ├── Layout View → Master page layouts

│       ├── Site Configuration → Site-specific settings

│       ├── Global Navigation → Site navigation components

│       └── Asset Pipeline → CSS/JS optimization

│

├── 🎮 \*\*UI Components\*\* (5 prompts)

│   ├── 📋 Category Description: "Reusable user interface components"

│   ├── 🎯 Use Case: "Interactive widgets, form controls, media elements"

│   ├── 📁 Technology: HTML5, CSS3, JavaScript, accessibility

│   └── 📄 Available Templates:

│       ├── Carousel Component → Interactive image carousel

│       ├── Form Component → Dynamic form generation

│       ├── Navigation Component → Reusable navigation elements

│       ├── Search Component → Site search functionality

│       └── Media Gallery → Image/video galleries

│

├── 🧪 \*\*Testing & QA\*\* (5 prompts)

│   ├── 📋 Category Description: "Quality assurance and testing frameworks"

│   ├── 🎯 Use Case: "Unit testing, integration testing, test automation"

│   ├── 📁 Frameworks: xUnit, Moq, Selenium, accessibility testing

│   └── 📄 Available Templates:

│       ├── Unit Test → Component unit testing

│       ├── Integration Test → Integration testing

│       ├── Test Data Builder → Test data generation

│       ├── Mock Configuration → Test doubles setup

│       └── E2E Test → End-to-end automation

│

├── 🎨 \*\*Styling & Assets\*\* (1 prompt)

│   ├── 📋 Category Description: "Styling and asset management"

│   ├── 🎯 Use Case: "Component styling, responsive design, asset optimization"

│   ├── 📁 Technology: SCSS, BEM methodology, responsive design

│   └── 📄 Available Templates:

│       └── SCSS Component → Component-specific styles

│

├── 📋 \*\*SDLC - Planning\*\* (6 prompts)

│   ├── 📋 Category Description: "Project planning and analysis templates"

│   ├── 🎯 Use Case: "Requirements gathering, architecture planning, documentation"

│   └── 📄 Available Templates:

│       ├── User Story Template → Agile user story documentation

│       ├── Technical Requirements → Detailed technical specifications

│       ├── Architecture Diagram → System architecture visualization

│       ├── API Specification → RESTful API documentation

│       ├── Data Model Design → Database schema documentation

│       └── Security Requirements → Security specification document

│

├── 💻 \*\*SDLC - Development\*\* (6 prompts)

│   ├── 📋 Category Description: "Development implementation templates"

│   ├── 🎯 Use Case: "Module setup, API development, database integration"

│   └── 📄 Available Templates:

│       ├── Foundation Module → Shared foundation layer setup

│       ├── Feature Module → Business feature implementation

│       ├── Project Module → Site-specific implementation

│       ├── Component Library → Reusable UI components

│       ├── API Endpoints → RESTful API implementation

│       └── Database Integration → Data access layer setup

│

├── 🧪 \*\*SDLC - Testing\*\* (6 prompts)

│   ├── 📋 Category Description: "Testing and quality assurance templates"

│   ├── 🎯 Use Case: "Test automation, performance testing, security testing"

│   └── 📄 Available Templates:

│       ├── Unit Test Suite → Comprehensive unit testing

│       ├── Integration Test Framework → Integration testing setup

│       ├── E2E Test Framework → End-to-end automation

│       ├── Performance Test → Load & stress testing

│       ├── Security Testing → Security vulnerability assessment

│       └── Accessibility Testing → WCAG compliance verification

│

├── 🚀 \*\*SDLC - Deployment\*\* (6 prompts)

│   ├── 📋 Category Description: "Deployment and DevOps templates"

│   ├── 🎯 Use Case: "CI/CD pipelines, containerization, environment management"

│   └── 📄 Available Templates:

│       ├── Azure DevOps Pipeline → CI/CD pipeline configuration

│       ├── Docker Setup → Container orchestration

│       ├── Environment Configuration → Environment-specific settings

│       ├── Monitoring Setup → Application monitoring

│       ├── Backup Strategy → Data protection strategy

│       └── SSL Configuration → HTTPS security setup

│

├── 🔧 \*\*SDLC - Maintenance\*\* (6 prompts)

│   ├── 📋 Category Description: "Maintenance and support templates"

│   ├── 🎯 Use Case: "Monitoring, troubleshooting, documentation, security updates"

│   └── 📄 Available Templates:

│       ├── Monitoring Dashboard → Operational visibility

│       ├── Log Analysis → Centralized logging analysis

│       ├── Performance Optimization → Performance tuning guide

│       ├── Troubleshooting Guide → Issue resolution procedures

│       ├── Security Updates → Security patch management

│       └── User Documentation → End-user guidance

│

└── 📈 \*\*SDLC - Optimization\*\* (6 prompts)

    ├── 📋 Category Description: "Optimization and enhancement templates"

    ├── 🎯 Use Case: "Performance analysis, A/B testing, feature enhancement"

    └── 📄 Available Templates:

        ├── Performance Analysis → System performance evaluation

        ├── A/B Testing Setup → Feature experiment framework

        ├── User Feedback System → User experience improvement

        ├── Feature Enhancement → Feature evolution planning

        ├── Analytics Integration → Business intelligence setup

        └── Scalability Planning → Growth preparation strategy

```

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**## 🎯 \*\*Quick Access Summary\*\***

**### ⚡ \*\*Fastest Access Methods:\*\***

```

🎮 Direct Generation:  Ctrl+Shift+P → "DXP: Generate Component" → Select from 39

📋 SDLC Templates:     Ctrl+Shift+P → "DXP: SDLC Templates" → Select from 36

🔍 Search All:         Ctrl+Shift+P → "DXP: Search Prompts" → Type keywords

📂 Browse Categories:  Ctrl+Shift+P → "DXP: Browse Templates" → Navigate by category

```

**### 📊 \*\*Usage Statistics:\*\***

```

Total Prompts Available: 75

├── Component Snippets: 39 (52%)

└── SDLC Templates: 36 (48%)

Most Used Categories:

├── 🔧 Foundation: Perfect for utility services

├── 🎯 Feature: Ideal for business logic

├── 🧪 Testing: Essential for quality assurance

├── 📋 SDLC Planning: Critical for project setup

└── 🚀 SDLC Deployment: Necessary for production

```

**### 🎯 \*\*Pro Tips for Efficient Usage:\*\***

```

💡 Quick Shortcuts:

├── Type "DXP" for instant command list

├── Use partial matches in search (e.g., "ctrl" finds controllers)

├── Browse by category when exploring new areas

├── Use search when you know what you need

└── Recent templates appear at the top for quick access

```

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