

loomOS Design System Roadmap: Phase 3 and Beyond

Date: November 26, 2025

Current Status: Phase 1C Complete | Phase 2 80% Complete

Repository: github.com/ourfi-app/loomOS

Branch: phase-2-component-library

Executive Summary

The loomOS design system has made significant progress with **Phase 1C** (600+ design tokens) and **Phase 2** (Component Library - 80% complete). This roadmap outlines the strategic direction for completing Phase 2 and defines clear priorities for Phase 3 and beyond.

Current State

- **Phase 1C Complete:** 600+ design tokens across 10 token files
- **Phase 2 - 80% Complete:** 12/15 Priority 1 components updated with tokens
- **Foundation Solid:** Comprehensive token system with semantic, component, and utility tokens
- **Remaining Work:** 3 Priority 1 components + 35 Priority 2-4 components

Strategic Vision

Transform loomOS into a **world-class design system** that rivals Material Design, Fluent UI, and Carbon Design System, with:

- Complete component library with design token integration
 - Comprehensive documentation and examples
 - Developer tools and automation
 - Theme system with visual builder
 - Testing infrastructure and quality assurance
-

Phase 2: Component Library - Completion Plan

Status: 80% Complete (12/15 Priority 1 components)

Target Completion: 1-2 weeks

Branch: phase-2-component-library

PR: #122 (In Progress)

Immediate Next Steps (Priority 1 - Remaining)

1. Complete Priority 1 Components (3 remaining)

Estimated Time: 2-3 days

A. dialog.tsx - Modal Dialog Component

- **Complexity:** High (overlay, animations, accessibility)
- **Tokens to Use:**

- `--modal-overlay-bg`, `--modal-bg`, `--modal-border`
- `--modal-shadow`, `--modal-padding-*`
- `--modal-header-*`, `--modal-footer-*`
- **Components:** Dialog, DialogTrigger,DialogContent, DialogHeader,DialogTitle, DialogDescription, DialogFooter
- **Testing Focus:** Keyboard navigation, focus trap, ESC key handling

B. sheet.tsx - Sheet/Drawer Component

- **Complexity:** High (side panel, animations, responsive)
- **Tokens to Use:**
 - `--modal-*` tokens (similar to dialog)
 - `--sheet-width` for side panel sizing
- **Components:** Sheet, SheetTrigger, SheetContent, SheetHeader, SheetTitle, SheetDescription, SheetFooter
- **Testing Focus:** Swipe gestures on mobile, animation performance

C. select.tsx - Select Dropdown Component

- **Complexity:** Very High (dropdown, search, multi-select, keyboard navigation)
- **Tokens to Use:**
 - `--input-*` tokens for trigger
 - `--dropdown-*` tokens for menu
 - `--dropdown-item-*` for options
- **Components:** Select, SelectTrigger, SelectValue, SelectContent, SelectItem, SelectGroup, SelectLabel
- **Testing Focus:** Keyboard navigation, search functionality, accessibility

2. Testing & Quality Assurance

Estimated Time: 1-2 days

- **Visual Regression Testing:** Ensure no visual changes to existing components
- **Accessibility Audit:** WCAG 2.1 AA compliance for all components
- **Browser Testing:** Chrome, Firefox, Safari, Edge
- **Mobile Testing:** iOS Safari, Android Chrome
- **Performance Testing:** Measure bundle size impact

3. Documentation Updates

Estimated Time: 1 day

- Update PHASE2_COMPONENT_LIBRARY_IMPLEMENTATION.md with final status
- Create component usage examples for all 15 Priority 1 components
- Document token usage patterns and best practices
- Add migration guide for developers

4. PR Review & Merge

Estimated Time: 2-3 days

- Create comprehensive PR description
- Request code review from team
- Address feedback and make revisions
- Merge to main branch

Priority 2-4 Components (35 components)

Target Completion: 2-3 weeks after Priority 1

These components will be updated in batches:

Priority 2: Navigation & Layout (8 components)

- accordion.tsx, breadcrumb.tsx, command.tsx, context-menu.tsx
- dropdown-menu.tsx, menubar.tsx, navigation-menu.tsx, popover.tsx

Priority 3: Data Display (7 components)

- calendar.tsx, carousel.tsx, collapsible.tsx, hover-card.tsx
- label.tsx, separator.tsx, skeleton.tsx

Priority 4: Utility Components (10 components)

- form.tsx, input-otp.tsx, toggle.tsx, toggle-group.tsx
- aspect-ratio.tsx, table.tsx, use-toast.ts, scroll-area.tsx
- resizable.tsx, sonner.tsx

Phase 3: Documentation & Developer Experience

Target Start: After Phase 2 completion

Duration: 3-4 weeks

Priority: High

Objectives

1. Create comprehensive documentation site
2. Build interactive component playground
3. Develop design token browser
4. Establish testing infrastructure

3.1: Documentation Site (Week 1-2)

A. Technology Stack

- **Framework:** Next.js 14 with App Router
- **Styling:** Tailwind CSS + loomOS design tokens
- **Code Highlighting:** Shiki or Prism
- **Search:** Algolia DocSearch or local search
- **Deployment:** Vercel or GitHub Pages

B. Documentation Structure

```
docs.loomos.dev/
  ├── Getting Started
  │   ├── Introduction
  │   ├── Installation
  │   ├── Quick Start
  │   └── Migration Guide
  ├── Design Tokens
  │   ├── Overview
  │   ├── Colors
  │   ├── Typography
  │   ├── Spacing & Grid
  │   ├── Borders & Elevation
  │   ├── Motion & Animation
  │   └── Component Tokens
  ├── Components
  │   ├── Overview
  │   ├── Button
  │   ├── Card
  │   ├── Input
  │   └── [47 more components]
  ├── Patterns
  │   ├── Forms
  │   ├── Navigation
  │   ├── Data Display
  │   └── Feedback
  ├── Theming
  │   ├── Theme System
  │   ├── Dark Mode
  │   ├── Custom Themes
  │   └── Theme Builder
  └── Resources
      ├── Figma Kit
      ├── VS Code Extension
      ├── GitHub Repository
      └── Changelog
```

C. Component Documentation Template

Each component page should include:

- **Overview:** Description and use cases
- **Live Preview:** Interactive component demo
- **Props API:** TypeScript interface documentation
- **Examples:** Common usage patterns
- **Accessibility:** ARIA attributes and keyboard navigation
- **Design Tokens:** List of tokens used
- **Code Snippets:** Copy-paste ready examples
- **Related Components:** Links to similar components

D. Implementation Tasks

- [] Set up Next.js documentation site
- [] Create documentation template system
- [] Write documentation for all 47 components
- [] Add interactive code playground
- [] Implement search functionality
- [] Add dark mode support

- [] Deploy to production

3.2: Component Playground (Week 2-3)

A. Interactive Component Browser

Build a Storybook-like interface for exploring components:

Features:

- Live component preview with editable props
- Code generation (copy component code)
- Token inspector (see which tokens are used)
- Responsive preview (mobile, tablet, desktop)
- Dark mode toggle
- Accessibility checker

Technology:

- React Sandpack or CodeSandbox Embed
- Monaco Editor for code editing
- React DevTools integration

B. Design Token Browser

Create an interactive token explorer:

Features:

- Visual token browser with search
- Token usage examples
- Copy token name to clipboard
- See token values in different themes
- Token relationships (semantic → core)
- Export tokens (JSON, CSS, SCSS, JS)

Example Interface:



3.3: Developer Tools (Week 3-4)

A. VS Code Extension

Package: loomos-design-tokens

Features:

- Autocomplete for design tokens
- Inline token value preview
- Token documentation on hover
- Quick navigation to token definition
- Token usage search
- Theme switcher

Example:

```
// Type: var(--semantic-  
// Autocomplete shows:  
// - --semantic-primary  
// - --semantic-surface-base  
// - --semantic-text-primary  
// [Hover shows: #F18825 - Loomos Orange]
```

B. ESLint Plugin**Package:** eslint-plugin-loomos**Rules:**

- no-hardcoded-colors : Enforce token usage
- no-direct-core-tokens : Prevent using core tokens directly
- prefer-semantic-tokens : Suggest semantic tokens over component tokens
- consistent-spacing : Enforce spacing scale usage

Example:

```
// ✗ Bad  
<div style={{ color: '#F18825' }}>  
  
// ✓ Good  
<div style={{ color: 'var(--semantic-primary)' }}>
```

C. Figma Plugin**Package:** loomos-figma-sync**Features:**

- Import design tokens from Figma
- Export loomOS tokens to Figma
- Sync component styles
- Generate code from Figma designs
- Token mapping (Figma → loomOS)

3.4: Testing Infrastructure (Week 4)**A. Visual Regression Testing****Tool:** Chromatic or Percy**Setup:**

- Storybook stories for all components
- Automated visual regression tests

- PR preview deployments
- Baseline snapshots for all components

B. Accessibility Testing

Tools: axe-core, jest-axe, Lighthouse CI

Tests:

- WCAG 2.1 AA compliance
- Keyboard navigation
- Screen reader compatibility
- Color contrast ratios
- Focus management

C. Performance Testing

Tools: Lighthouse, Bundle Analyzer

Metrics:

- Bundle size tracking
 - Component render performance
 - Token resolution speed
 - Animation frame rates
-

Phase 4: Theme System & Customization

Target Start: After Phase 3 completion

Duration: 3-4 weeks

Priority: High

Objectives

1. Build visual theme builder
2. Create pre-built theme presets
3. Enable runtime theme switching
4. Support custom brand themes

4.1: Theme Architecture (Week 1)

A. Theme Structure

```
interface Theme {
  id: string;
  name: string;
  description: string;
  author: string;
  version: string;

  // Token overrides
  tokens: {
    colors?: Partial<ColorTokens>;
    typography?: Partial<TypographyTokens>;
    spacing?: Partial<SpacingTokens>;
    borders?: Partial<BorderTokens>;
    elevation?: Partial<ElevationTokens>;
    motion?: Partial<MotionTokens>;
  };
}

// Dark mode variant
darkMode?: {
  tokens: Partial<Theme['tokens']>;
};

}
```

B. Theme Provider

```
import { ThemeProvider } from '@loomos/design-system';

function App() {
  return (
    <ThemeProvider theme="default" mode="light">
      <YourApp />
    </ThemeProvider>
  );
}
```

C. Theme Switching

```
import { useTheme } from '@loomos/design-system';

function ThemeSwitcher() {
  const { theme, setTheme, mode, setMode } = useTheme();

  return (
    <div>
      <select value={theme} onChange={(e) => setTheme(e.target.value)}>
        <option value="default">Default</option>
        <option value="ocean">Ocean</option>
        <option value="forest">Forest</option>
      </select>

      <button onClick={() => setMode(mode === 'light' ? 'dark' : 'light')}>
        Toggle Dark Mode
      </button>
    </div>
  );
}
```

4.2: Pre-built Theme Presets (Week 2)

A. Default Themes

Create 5-10 professionally designed themes:

1. Default (webOS Classic)

- Muted grays, minimal color
- Helvetica Neue Light
- Glassmorphism effects

2. Ocean

- Blue-teal color palette
- Calm, professional aesthetic
- Suitable for business apps

3. Forest

- Green-brown earth tones
- Natural, organic feel
- Suitable for wellness apps

4. Sunset

- Orange-purple gradients
- Warm, energetic vibe
- Suitable for creative apps

5. Midnight

- Dark mode optimized
- Deep blues and purples
- Suitable for developer tools

6. Minimal

- Pure black and white
- Maximum contrast
- Suitable for reading apps

7. Vibrant

- Bold, saturated colors
- High energy aesthetic
- Suitable for gaming/entertainment

8. Corporate

- Professional blue-gray
- Conservative, trustworthy
- Suitable for enterprise apps

B. Theme Gallery

Create a visual theme gallery where users can:

- Preview themes in real-time
- See components in each theme
- Compare themes side-by-side
- Export theme configuration
- Share custom themes

4.3: Visual Theme Builder (Week 3)

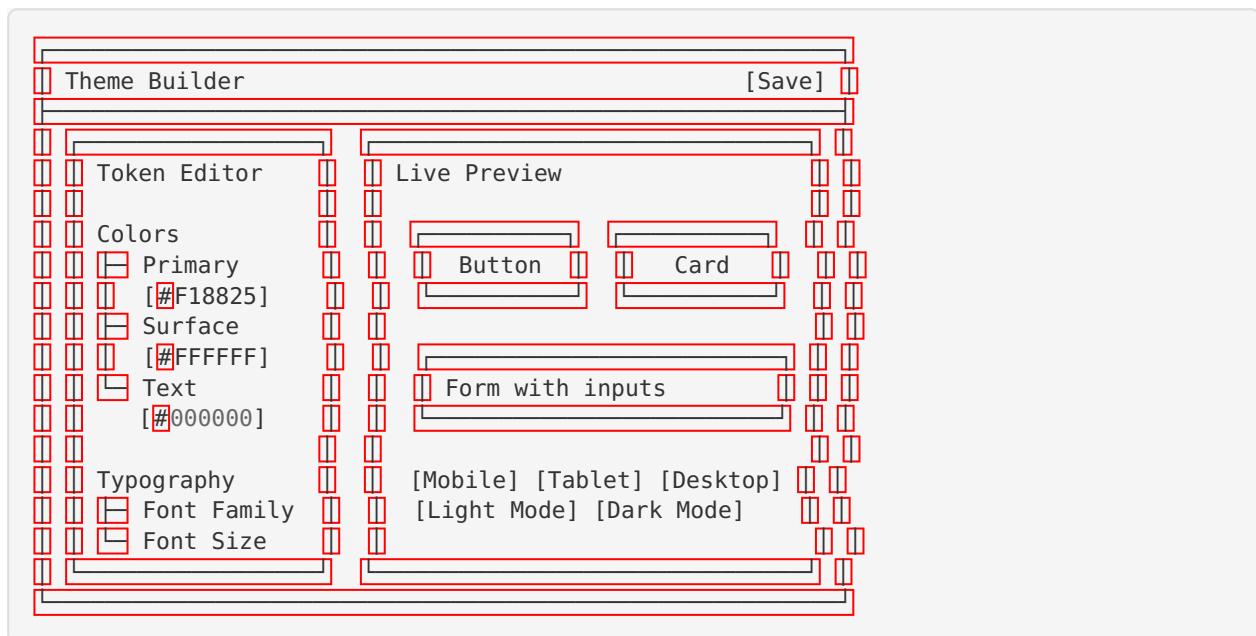
A. Theme Builder Interface

Build a no-code theme builder:

Features:

- Visual color picker for all token categories
- Live preview of components
- Typography customization
- Spacing and sizing adjustments
- Border radius and shadow controls
- Motion timing adjustments
- Export theme as JSON/CSS
- Import existing themes

Example Interface:



B. Theme Export Formats

Support multiple export formats:

JSON:

```
{
  "name": "My Custom Theme",
  "tokens": {
    "colors": {
      "primary": "#F18825",
      "surface": "#FFFFFF"
    }
  }
}
```

CSS:

```
:root {
  --semantic-primary: #F18825;
  --semantic-surface-base: #FFFFFF;
}
```

JavaScript:

```
export const myTheme = {
  name: 'My Custom Theme',
  tokens: {
    colors: {
      primary: '#F18825',
      surface: '#FFFFFF'
    }
  }
};
```

Tailwind Config:

```
module.exports = {
  theme: {
    extend: {
      colors: {
        primary: '#F18825',
        surface: '#FFFFFF'
      }
    }
  }
};
```

4.4: Brand Theme Generator (Week 4)

A. Brand Color Extraction

Build a tool that generates a complete theme from a brand color:

Input: Single brand color (#F18825)

Output: Complete color palette with:

- Primary shades (50-900)

- Complementary colors
- Semantic mappings
- Accessible color combinations
- Dark mode variants

Algorithm:

1. Generate color scale using HSL manipulation
2. Calculate complementary and analogous colors
3. Ensure WCAG AA contrast ratios
4. Generate dark mode variants
5. Create semantic token mappings

B. Logo-to-Theme

Upload a logo and extract brand colors:

Features:

- Extract dominant colors from logo
- Generate color palette
- Suggest typography based on logo style
- Create matching theme
- Export complete theme configuration

Phase 5: Advanced Features & Optimization

Target Start: After Phase 4 completion

Duration: 4-6 weeks

Priority: Medium

5.1: Component Variants & Composition (Week 1-2)

A. Compound Component Patterns

Enhance components with better composition:

Example: Card with Variants

```
<Card variant="glass" size="lg" interactive>
  <CardHeader>
    <CardIcon icon={<Mail />} />
    <CardTitle>Messages</CardTitle>
    <CardBadge>3 new</CardBadge>
  </CardHeader>
  <CardContent>
    <CardList>
      <CardListItem>Message 1</CardListItem>
      <CardListItem>Message 2</CardListItem>
    </CardList>
  </CardContent>
  <CardFooter>
    <CardAction>View All</CardAction>
  </CardFooter>
</Card>
```

B. Layout Components

Create advanced layout components:

- **Stack:** Vertical/horizontal spacing
- **Grid:** Responsive grid system
- **Flex:** Flexbox utilities
- **Container:** Max-width containers
- **Section:** Page sections with spacing
- **Divider:** Visual separators

C. Polymorphic Components

Support `as` prop for component flexibility:

```
<Button as="a" href="/dashboard">
  Go to Dashboard
</Button>

<Card as="article">
  <CardTitle as="h2">Article Title</CardTitle>
</Card>
```

5.2: Animation System (Week 2-3)

A. Motion Presets

Create pre-built animation presets:

Entrance Animations:

- Fade in
- Slide in (top, right, bottom, left)
- Scale in
- Bounce in
- Rotate in

Exit Animations:

- Fade out
- Slide out
- Scale out
- Collapse

Attention Seekers:

- Pulse
- Shake
- Bounce
- Flash
- Wiggle

Example:

```
<Motion preset="fadeIn" duration="normal" delay={100}>
  <Card>Content</Card>
</Motion>
```

B. Gesture Support

Add gesture-based interactions:

- Swipe to dismiss
- Pull to refresh
- Pinch to zoom
- Long press
- Drag and drop

C. Spring Physics

Implement spring-based animations:

```
<Motion
  spring={{ tension: 170, friction: 26 }}
  animate={{ scale: 1.2 }}
>
  <Button>Hover me</Button>
</Motion>
```

5.3: Accessibility Enhancements (Week 3-4)

A. Focus Management

- Focus trap for modals
- Focus restoration after close
- Skip links for navigation
- Focus indicators for all interactive elements

B. Screen Reader Support

- ARIA labels for all components
- Live regions for dynamic content
- Descriptive error messages
- Semantic HTML structure

C. Keyboard Navigation

- Tab order optimization
- Keyboard shortcuts
- Arrow key navigation for lists
- Enter/Space for activation

D. Reduced Motion

Respect `prefers-reduced-motion`:

```
@media (prefers-reduced-motion: reduce) {
  * {
    animation-duration: 0.01ms !important;
    transition-duration: 0.01ms !important;
  }
}
```

5.4: Performance Optimization (Week 4-5)

A. Bundle Size Optimization

- Tree-shaking for unused components
- Code splitting by component
- Dynamic imports for heavy components
- CSS purging for unused styles

Target Metrics:

- Core bundle: < 50 KB (gzipped)
- Per component: < 5 KB (gzipped)
- Total CSS: < 30 KB (gzipped)

B. Runtime Performance

- Memoization for expensive computations
- Virtual scrolling for long lists
- Lazy loading for images
- Debouncing for search inputs

C. Rendering Optimization

- React.memo for pure components
- useMemo for derived values
- useCallback for event handlers
- Avoid unnecessary re-renders

5.5: Internationalization (Week 5-6)

A. RTL Support

Add right-to-left language support:

```
<ThemeProvider dir="rtl">
  <App />
</ThemeProvider>
```

Changes Required:

- Mirror layouts for RTL
- Flip icons and animations
- Adjust text alignment
- Update spacing logic

B. Localization

Support multiple languages:

```
import { useTranslation } from '@loomos/i18n';

function Button() {
  const { t } = useTranslation();
  return <button>{t('common.submit')}</button>;
}
```

Phase 6: Ecosystem & Community

Target Start: After Phase 5 completion

Duration: Ongoing

Priority: Medium-Low

6.1: Component Marketplace

A. Community Components

Allow developers to publish custom components:

Features:

- Component submission portal
- Review and approval process
- Version management
- Download statistics
- User ratings and reviews

B. Template Library

Pre-built page templates:

Categories:

- Landing pages
- Dashboard layouts
- Authentication flows
- E-commerce pages
- Blog layouts
- Admin panels

6.2: Design Resources

A. Figma Design Kit

Complete Figma library with:

- All 47 components
- Design tokens as Figma styles
- Auto-layout components
- Responsive variants
- Dark mode variants

B. Sketch Library

Sketch version of design kit

C. Adobe XD Kit

Adobe XD version of design kit

6.3: Learning Resources

A. Video Tutorials

Create video series:

- Getting started with loomOS
- Building your first app
- Creating custom themes

- Advanced component patterns
- Performance optimization

B. Blog & Articles

Regular content:

- Design system best practices
- Component deep dives
- Case studies
- Release notes
- Community spotlights

C. Interactive Courses

Structured learning paths:

- Beginner: loomOS Fundamentals
 - Intermediate: Advanced Components
 - Advanced: Theme Development
 - Expert: Contributing to loomOS
-

Technical Debt & Maintenance

Ongoing Tasks

1. Code Quality

- **Type Safety:** Remove all `as any` and `@ts-expect-error` bypasses
- **Cleanup:** Address TODO/FIXME comments (100+ found)
- **Linting:** Enforce ESLint rules consistently
- **Testing:** Increase test coverage to 80%+

2. Dependencies

- **Updates:** Keep dependencies up to date
- **Security:** Regular security audits
- **Bundle Size:** Monitor and optimize bundle size
- **Performance:** Regular performance audits

3. Documentation

- **Keep Updated:** Update docs with each release
- **Examples:** Add more real-world examples
- **Migration Guides:** Document breaking changes
- **Changelog:** Maintain detailed changelog

4. Community

- **Issue Triage:** Respond to issues within 48 hours
 - **PR Reviews:** Review PRs within 1 week
 - **Discussions:** Engage with community
 - **Roadmap Updates:** Share progress regularly
-

Success Metrics & KPIs

Phase 2 Completion

- 100% of components use design tokens
- Zero hardcoded colors in component files
- All components support theming
- No visual regressions
- Performance maintained or improved

Phase 3 Success

- Documentation site live with 100% component coverage
- Interactive playground with all components
- Design token browser functional
- VS Code extension published
- 80%+ test coverage

Phase 4 Success

- Visual theme builder live
- 10+ pre-built themes available
- Runtime theme switching working
- Theme marketplace launched
- 50+ custom themes created by community

Phase 5 Success

- Bundle size < 50 KB (core)
- WCAG 2.1 AA compliant
- RTL support complete
- Mobile-optimized components
- Performance score 90+ (Lighthouse)

Long-term Success (6-12 months)

- 1,000+ GitHub stars
- 100+ contributors
- 10,000+ npm downloads/month
- 50+ companies using loomOS
- 5,000+ developers trained

Resource Requirements

Team Composition

- **1 Design System Lead:** Overall architecture and direction
- **2 Frontend Engineers:** Component development and token integration
- **1 Designer:** Visual design and theme creation
- **1 Technical Writer:** Documentation and tutorials
- **1 DevOps Engineer:** CI/CD, testing infrastructure, deployment

Time Estimates

- **Phase 2 Completion:** 1-2 weeks
- **Phase 3:** 3-4 weeks
- **Phase 4:** 3-4 weeks
- **Phase 5:** 4-6 weeks
- **Phase 6:** Ongoing

Total Estimated Time: 3-4 months for Phases 2-5

Budget Considerations

- **Infrastructure:** Hosting for docs site, Storybook, theme builder
 - **Tools:** Chromatic/Percy for visual testing, Figma licenses
 - **Marketing:** Community building, content creation
 - **Support:** Community management, issue triage
-

Risk Assessment & Mitigation

Technical Risks

Risk 1: Breaking Changes

Impact: High

Probability: Medium

Mitigation:

- Maintain backward compatibility
- Provide migration guides
- Use semantic versioning
- Deprecation warnings before removal

Risk 2: Performance Degradation

Impact: High

Probability: Low

Mitigation:

- Regular performance testing
- Bundle size monitoring
- Code splitting and lazy loading
- Performance budgets

Risk 3: Browser Compatibility

Impact: Medium

Probability: Low

Mitigation:

- Test on all major browsers
- Polyfills for older browsers
- Progressive enhancement
- Feature detection

Organizational Risks

Risk 1: Resource Constraints

Impact: High

Probability: Medium

Mitigation:

- Prioritize ruthlessly
- Focus on high-impact features
- Leverage community contributions
- Automate where possible

Risk 2: Scope Creep

Impact: Medium

Probability: High

Mitigation:

- Clear phase definitions
- Regular roadmap reviews
- Say no to non-essential features
- Focus on core value proposition

Risk 3: Community Adoption

Impact: High

Probability: Medium

Mitigation:

- Excellent documentation
 - Active community engagement
 - Regular content creation
 - Showcase success stories
-

Conclusion

The loomOS design system is well-positioned for success with a solid foundation of 600+ design tokens and a growing component library. The roadmap outlined above provides a clear path forward with:

Immediate Priorities (Next 2 Weeks)

1. Complete Phase 2 - Finish remaining 3 Priority 1 components
2. Comprehensive testing and quality assurance
3. Merge PR #122 to main branch

Short-term Goals (Next 3 Months)

1. Phase 3: Build comprehensive documentation site
2. Phase 4: Create visual theme builder and presets
3. Phase 5: Optimize performance and accessibility

Long-term Vision (6-12 Months)

1. Establish loomOS as a leading open-source design system
2. Build thriving community of contributors

3. Drive adoption in production applications
4. Continuous improvement and innovation

Key Success Factors

- **Quality First:** Never compromise on quality for speed
- **Developer Experience:** Make it delightful to use
- **Documentation:** Comprehensive and up-to-date
- **Community:** Engage and support users
- **Innovation:** Stay ahead of design trends

The foundation is strong. The vision is clear. The roadmap is actionable. Let's build something amazing together!

Document Version: 1.0

Last Updated: November 26, 2025

Next Review: After Phase 2 completion

Maintained By: loomOS Design System Team

Appendix A: Quick Reference

Current Status Summary

Phase 1C: Design Tokens COMPLETE
 └─ 600+ tokens across 10 files
 └─ Core, semantic, component tokens
 └─ Motion, typography, spacing, elevation

Phase 2: Component Library 80% COMPLETE
 └─ Priority 1: 12/15 components (80%)
 └─ Priority 2: 0/8 components (0%)
 └─ Priority 3: 0/7 components (0%)
 └─ Priority 4: 0/10 components (0%)

Phase 3: Documentation PLANNED
 Phase 4: Theme System PLANNED
 Phase 5: Advanced Features PLANNED
 Phase 6: Ecosystem PLANNED

Component Status Matrix

Component	Priority	Status	Tokens Used	Testing
button.tsx	1	✓ Complete	-button-*	✓
card.tsx	1	✓ Complete	-card-*	✓
badge.tsx	1	✓ Complete	-badge-*	✓
alert.tsx	1	✓ Complete	-alert-*	✓
textarea.tsx	1	✓ Complete	-input-*	✓
progress.tsx	1	✓ Complete	-progress-*	✓
avatar.tsx	1	✓ Complete	-avatar-*	✓
tooltip.tsx	1	✓ Complete	-tooltip-*	✓
checkbox.tsx	1	✓ Complete	-checkbox-*	✓
switch.tsx	1	✓ Complete	-switch-*	✓
radio-group.tsx	1	✓ Complete	-radio-*	✓
slider.tsx	1	✓ Complete	-slider-*	✓
tabs.tsx	1	✓ Complete	-tab-*	✓
dialog.tsx	1	⌚ Pending	-modal-*	⌚
sheet.tsx	1	⌚ Pending	-modal-*	⌚
select.tsx	1	⌚ Pending	-dropdown-*	⌚

Token Coverage

Category	Tokens	File	Status
Colors	200+	core.css, colors-extended.css	✓
Spacing	50+	grid.css	✓
Typography	80+	typography.css	✓
Borders	40+	borders.css	✓
Shadows	30+	elevation.css	✓
Z-index	15+	elevation.css	✓
Motion	50+	motion.css	✓
Components	150+	components.css	✓

Appendix B: Related Documents

Phase Documentation

- ✓ [PHASE1C DESIGN TOKENS IMPLEMENTATION.md](#) (./PHASE1C DESIGN TOKENS IMPLEMENTATION.md) - Phase 1C summary
- ⏳ [PHASE2 COMPONENT LIBRARY IMPLEMENTATION.md](#) (./PHASE2 COMPONENT LIBRARY IMPLEMENTATION.md) - Phase 2 progress
- 📄 [PHASE3 REDESIGN SUMMARY.md](#) (./PHASE3 REDESIGN SUMMARY.md) - Previous Phase 3 (WebOS redesign)
- 📄 [PHASE3 MIGRATION SUMMARY.md](#) (./PHASE3 MIGRATION SUMMARY.md) - Foundation consolidation

Design System Documentation

- 📚 [docs/DESIGN_SYSTEM.md](#) (./docs/DESIGN_SYSTEM.md) - Design system overview
- 📚 [design-tokens/README.md](#) (./design-tokens/README.md) - Token system documentation
- 📚 [WEBOS DESIGN SYSTEM.md](#) (./WEBOS DESIGN SYSTEM.md) - WebOS design principles

Migration Guides

- 📖 [PHASE1 MIGRATION GUIDE.md](#) (./PHASE1 MIGRATION GUIDE.md) - Phase 1 migration
- 📖 [PHASE2 REDESIGN SUMMARY.md](#) (./PHASE2 REDESIGN SUMMARY.md) - WebOS redesign migration

End of Roadmap Document