

# UI/UX Design Blueprint (v2.0)

## JASIQ Labs Training Content Sync Platform

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### 1. Brand Identity & Visual Language

Element	Specification	Notes
<b>Primary Color</b>	#5B21B6 (Deep Violet)	Represents JASIQ's innovation and authority
<b>Accent Color</b>	#06B6D4 (Cyan Blue)	Adds freshness and energy
<b>Neutral Background</b>	#F9FAFB	Clean and readable
<b>Typography</b>	Headings: <i>Manrope</i> (Bold) Body: <i>Inter</i> (Regular)	Modern and readable
<b>Icon Pack</b>	<i>Lucide Icons</i>	Consistent line-based icons
<b>UI Framework</b>	React + Tailwind + ShadCN + Framer Motion	Modern, fast, and maintainable
<b>Design Grid</b>	8px spacing system	Consistent layout rhythm
<b>Shape Language</b>	Rounded corners (xl / 2xl)	Friendly and approachable
<b>Motion</b>	Ease-in-out 300ms transitions	Adds polish and fluidity

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### 2. User Types & Design Priorities

Role	UX Focus
<b>Viewer</b>	Exploration, Readability, Public Access
<b>Trainee</b>	Guided progress, Motivation, Clarity
<b>Mentor</b>	Oversight, Quick navigation
<b>Admin</b>	Efficiency, Control, Data visibility

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### 3. Page-by-Page Design

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#### Page 1: Landing Page (Public Home)

**Goal:** Engage public visitors, showcase courses, and drive signups.

Layout:

- **Header:** Logo (left), “Courses” + “Login” (right)

- **Hero Section:**

Gradient background (violet → cyan), animated particles

Headline: “*Learn. Build. Grow with JASIQ Labs.*”

Subtext: “*Free courses designed by industry mentors.*”

CTA Buttons:

- “Explore Free Courses” (primary)
- “Join Bootcamp” (outlined)

- **Course Grid:**

Responsive cards (3 per row)

- Cover image
- Title
- Mentor avatar
- Category tag (AI, Backend, etc.)
- “View Course” button

- **Footer:** Simple with links and copyright.

Design Upgrades:

- Hover lift animation on course cards
- Soft glassmorphism on card background
- Subtle Lottie illustration in hero

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#### Page 2: Course Detail View (Public)

**Goal:** Let users browse course hierarchy intuitively.

Layout:

- **Left Sidebar:**

Collapsible tree menu → Phase → Pages

Highlight current page

- **Main Content:**
  - Course banner (top)
  - Page title
  - Rendered markdown (with code, tips, media)
  - Navigation: “Previous” / “Next Lesson”
- **Top Progress Bar:** Visual indicator for progress
- **Sticky TOC (right):** Optional floating navigation

UI Enhancements:

- Reading mode toggle (light/dark)
  - Floating “Back to Top” + “Share” buttons
  - Scroll animation for next-page transition
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#### Page 3: Authenticated Dashboard (Trainee/Mentor)

**Goal:** Provide personalized, motivating learning experience.

Layout:

- **Header:** Profile avatar, notification bell, dark mode toggle
- **Sidebar:** “My Courses”, “Progress”, “Certificates”
- **Main Panel:**
  - Welcome card (“Good Morning, Ayesha 🙌”)
  - Progress overview (animated circles)
  - “Continue Learning” CTA
  - Recent lessons carousel

Visual Additions:

- Gradient cards (violet–blue)
  - Gamified badges (“Fast Learner”, “Phase 1 Complete”)
  - Motivational microcopy below progress bar
  - Optional light confetti when course completes
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#### Page 4: Lesson Viewer (Private or Public Page)

**Goal:** Display lesson content beautifully.

Layout:

- **Header:** Page title, bookmark, share icons
- **Body:**
  - Rendered Markdown/HTML (with headings, code blocks, images)
  - Highlighted info boxes (tip, example, warning)
  - Embedded videos (centered)
- **Footer:**
  - Next/Previous lesson navigation
  - Progress update animation
  - Floating “Hide Sidebar” button for Focus Mode

UX Additions:

- Syntax highlighting (`react-syntax-highlighter`)
  - Auto-save scroll position
  - Font-size adjuster for accessibility
  - Smooth fade transitions between lessons
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## Page 5: Admin Dashboard

**Goal:** Control and visibility over all content and users.

Top Widgets:

- Total Courses | Public Pages | Last Sync | Failed Syncs  
(icon-based summary cards)

Tabs:

1. **Content Management** – Data table with filters, sort, and toggles for public/private
2. **Users & Roles** – Table with inline role assignment
3. **Sync Logs** – Timeline view of sync history
4. **Settings** – API keys, scheduling, branding

Enhancements:

- Animated “Sync Now” button (spinning sync icon)
- Real-time status indicator (green = OK, red = fail)
- Inline edit with optimistic UI feedback
- Toast notifications on all actions
- Keyboard shortcuts: `Ctrl + S` (Sync), `Ctrl + F` (Search)

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## **Page 6: Login / Register**

**Goal:** Secure and branded authentication.

Design:

- Split screen layout:
  - Left: Animated Lottie illustration (education theme)
  - Right: Login form
- Card with glowing gradient border
- Fields: Email, Password, Remember Me
- “Secure login with JASIQ Auth” note under button
- Animated loading spinner inside Login button

Optional:

- Google OAuth
  - Password toggle visibility
  - “Forgot Password?” modal
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## **Page 7: Access Control (Admin)**

**Goal:** Manage page visibility efficiently.

Layout:

- Search bar with live results
- Filter chips: All / Public / Private
- Table: Page Title | Course | Phase | Toggle (Public/Private)
- Bulk actions with modal confirmation

Visual Feedback:

- Toggle → smooth slide animation
  - Public = Green chip, Private = Gray
  - Toast alert: “3 pages made public successfully”
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## **Page 8: Sync Logs**

**Goal:** Display all Confluence → LMS sync activity.

Layout:

- “Run Manual Sync” floating button (FAB)

- Timeline cards:
  - Time
  - Pages Synced
  - Duration
  - Status Icon
  - Expand → see details

Enhancements:

- Progress bar during sync
- Color-coded icons (success, warning, fail)
- Optional export button (CSV of logs)

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#### Page 9: Error / Restricted Page

**Goal:** Provide user-friendly fallback.

Design:

- Illustration (lock or 404 character)
- Message: “You don’t have access to this content.”
- CTA: “Go Back” / “Login to Continue”
- Minimal white background with brand accent

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#### Page 10: Mobile Responsiveness

**Key Features:**

- Bottom nav bar (Home, Courses, Progress, Profile)
- Swipe gestures (next/previous lesson)
- Floating “Continue” button in lessons
- Auto-collapse sidebar
- Compact card layout for courses

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## 4. Microinteractions & Motion

Component	Animation	Duration
Buttons	Ripple + lift on hover	200ms
Cards	Elevation + scale	250ms

Sidebar	Slide-in/out	300ms
Page load	Fade-in	400ms
Sync progress	Circular animation	1.5s
Modal dialogs	Scale + dim background	200ms

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## 5. Accessibility Enhancements

- Contrast ratio  $\geq 4.5:1$
- Keyboard navigable menus
- Alt text for all images
- Font resize option (A-/A+)
- Supports screen readers
- Future: multilingual toggle (Hindi, Tamil)

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## 6. Visual Summary

Layer	Description
<b>Primary Feel</b>	Modern, crisp, professional
<b>Secondary Feel</b>	Friendly, motivational, learner-first
<b>Overall Aesthetic</b>	“Medium + Coursera + Notion” blend
<b>Motion Tone</b>	Subtle, smooth, human
<b>User Focus</b>	Clarity, progress, achievement

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## 7. Technical UI Stack Recommendation

Category	Tool
<b>Frontend Framework</b>	React 18+
<b>Styling</b>	Tailwind CSS + ShadCN/UI
<b>Animation</b>	Framer Motion

<b>Markdown Renderer</b>	<code>react-markdown</code>
<b>Syntax Highlighting</b>	<code>react-syntax-highlighter</code>
<b>Icons</b>	Lucide React
<b>Charts (Progress)</b>	Recharts or React ApexCharts
<b>Forms</b>	React Hook Form
<b>State</b>	Zustand
<b>Testing (UI)</b>	Playwright / Cypress

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## 8. Design Deliverables

### 1. Figma Design System File

- Typography, Color Tokens, Components, Buttons, Cards, Inputs

### 2. Page Wireframes (Desktop + Mobile)

- Landing, Dashboard, Admin, Viewer

### 3. Prototype Interactions

- Button hover, Progress animation, Sync motion

### 4. Exportable CSS Tokens for Tailwind Config

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## 9. Slogan (for login/landing footer)

“Minimal by code. Meaningful by design. Powered by JASIQ Labs.”

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### ✓ Final Remarks

This blueprint ensures:

- Enterprise-level polish
- Modern and scalable UI system
- Emotional engagement for learners
- Admin productivity and clarity
- Brand consistency across future JASIQ products (Mentora, DevVerse, EDUSTACK, etc.)