

Mobile-Based Learning Management System(LMS)

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# **Project Idea**

This project is developed using React Native for the frontend. The LMS offers a modern and user-friendly platform for educators and learners, supporting remote learning, self-paced training, and virtual classrooms.

It supports user authentication, course and content management, progress tracking, and user communication, all accessible from a mobile device. It empowers instructors to create and manage educational content and enables learners to access and track their learning journey anytime, anywhere.

# **🌈 Primary and Secondary Colors**

| **Element** | **Color** |
| --- | --- |
| **Primary Tint** | #2f95dc |
| **Text Color** | #000 |
| **Background** | #fff |
| **Tab Icon Default** | #ccc |
| **Tab Icon Selected** | #2f95dc |

# **🧩 Screens Division (Structure)**

1. **Onboarding**
   * Slide-based introduction to LMS features.
2. **Welcome**
   * “Login” and “Sign Up” call-to-actions.
   * App branding and tagline.
3. **Auth**
   * Login (email/password)
   * Sign up (with role selection: Student/Instructor/Admin)
   * Forgot password flow
4. **Home**
   * User dashboard: Enrolled courses, quick stats
   * Notifications (optional)
   * Navigation to Profile, Search, Courses
5. **Courses**
   * Course categories (e.g., Programming, Design)
   * Course detail pages (with syllabus, media, quizzes)
   * Enrollment buttons
   * Instructor info
6. **Cart**
   * Checkout screen for paid content (if monetization is enabled)
   * List of selected courses
   * Payment method selection
7. **Search**
   * Search bar with real-time suggestions
   * Filters by category, rating, level
   * Course previews
8. **Profile**
   * View/edit profile
   * Progress tracker
   * Roles and permissions
   * Certification history

# **Core Features Summary**

| **Feature** | **Description** |
| --- | --- |
| **User Authentication** | Secure login and signup with hashed passwords and JWT-based sessions. |
| **Course Management** | Create, update, and organize courses, modules, and media content. |
| **User Roles** | Supports Students, Instructors, and Admins with custom permissions. |
| **Content Delivery** | Stream videos, upload/download PDFs, take quizzes. |
| **Progress Tracking** | View course completion stats and test results. |
| **Communication Tools** | In-app forums, live chat, or comment sections under courses. |

# UI Sample

A person in black pants and blue socks

AI-generated content may be incorrect.A screenshot of a cellphone

AI-generated content may be incorrect.

Screenshots of a screenshot of a website

AI-generated content may be incorrect.

A screenshot of a login form

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