

Edcademy – Developer Brief

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Project: Edcademy – A Verified Educational Creator Platform

Connected to: Ed-Cred (www.ed-cred.com)

Concept Overview

Edcademy is a gated educational content platform where verified educators (via Ed-Cred) can upload, share, and monetize original content such as lesson plans, videos, worksheets, and unit bundles. The platform will combine the monetization structure of OnlyFans/Patreon with the academic integrity and trust of a verified teacher community.

Core Objectives

- Give teachers a platform to monetize their original work
- Ensure all creators are vetted through Ed-Cred
- Offer students/parents access to high-quality educational content
- Enable direct subscription/pay-per-download functionality
- Create a scalable and mobile-friendly experience

Feature Requirements

User Roles

Educators (Creators):

- Sign in via Ed-Cred (SSO or API integration)
- Upload and manage content (PDFs, videos, lessons)
- Set pricing (subscription-based or one-time purchase)
- View analytics, income, and student feedback

Students / Parents (Subscribers):

- Browse or search content by subject, grade, or educator
- Purchase subscriptions or individual resources
- Rate, favorite, and comment on content

Admin:

- Approve content
- Manage payout requests
- Moderate users and disputes

Monetization Model

Commission-Based Model (Default):

- Teachers earn 80%, platform takes 20%
- Paid out monthly (Stripe/PayPal integration)

Optional: Tiered Subscription:

- Monthly access tiers: e.g., ¥2,000/mo, ¥5,000/mo for bundles (later phase)
- Group/School licensing option (later phase)

Key Integrations

- Ed-Cred API/SSO – to verify and sync teacher data
- Stripe or PayPal – for user payments and teacher payouts
- Video Hosting – Vimeo API, YouTube embed, or self-hosted
- CDN/Cloud Storage – for uploading and securely hosting documents/media
- Admin Panel – to monitor users, process payments, and moderate content

MVP Features (First Release)

- Educator and student/parent sign-up
- Creator dashboard (upload, price, track income)
- Subscription/payment system
- Content browsing and search
- Mobile-first design
- Admin dashboard for moderation and analytics

Preferred Stack (optional suggestion)

- Frontend: React.js, Tailwind CSS (or similar)
- Backend: Node.js / Laravel / Django (flexible)
- Database: PostgreSQL / Firebase
- Hosting: Vercel / AWS / DigitalOcean
- Auth: OAuth 2.0 / JWT / SSO via Ed-Cred

Long-Term Goals

- Mobile app version (Android/iOS)
- AI-powered lesson recommendations
- School/group subscriptions
- Community features (forums, messaging)

Deliverables I'm Requesting from You (the Developer)

- Quote for MVP build (with and without mobile app)
- Estimated timeline and milestones
- Suggestions for architecture and scalability
- List of questions you need from me to move forward

Live Tutoring Feature (Add-On)

Teachers should also be able to offer live online tutoring sessions directly through Edcademy. This feature allows verified educators to schedule, host, and get paid for live 1-on-1 sessions via video conferencing.

Core functionalities include:

- Scheduling calendar (sync with Google Calendar or built-in)
- Booking system (students reserve and pay for slots)
- Video integration (Zoom API, Jitsi, or in-platform video chat)
- Notification system for reminders and confirmations
- Optional recording of sessions for student review (with consent)
- Post-session feedback and ratings
- Payment integration per session/ subscription (Stripe/PayPal)
- Admin view of completed and upcoming sessions

This expands Edcademy's offerings from content-only to interactive, real-time learning, increasing value for both creators and students.