

Project Workflow Guide - Seller/User/Admin Platform

This PDF is a complete workflow guide for your project, including step-by-step development order, modules, API endpoints, frontend components, flowcharts, and optional enhancements. It is designed to help you systematically build your seller-user-admin platform, like an LMS or e-commerce application.

1. Step-by-Step Development Order

1. Seller Module (Content Creation/Posting Data)

- Build seller dashboard (add/edit/delete products/courses)
- Implement API endpoints for CRUD operations
- Integrate file upload (images/videos)

2. Client-Facing Display

- Create product/course catalog page
- Build detail page for each item
- API endpoints to fetch products/courses

3. User Enrollment/Interaction

- Enable users to enroll/purchase
- Track progress or interactions
- API endpoints for enrollments and user activity

4. Admin Dashboard

- Show stats and analytics
- Manage users and sellers
- Moderate content if needed

2. Modules and Responsibilities

Seller:

- Add, edit, delete products/courses
- Manage their content and track stats

User/Student:

- View available products/courses
- Enroll, like, or comment on content

Admin:

- View platform-wide stats
- Manage users and sellers
- Moderate or approve content

3. API Endpoints Suggestions

Seller Endpoints:

- POST /seller/add-product
- GET /seller/my-products
- PUT /seller/update-product/:id
- DELETE /seller/delete-product/:id

User Endpoints:

- GET /products
- GET /products/:id
- POST /enroll
- GET /my-enrollments

Admin Endpoints:

- GET /admin/stats
- GET /admin/users
- GET /admin/sellers
- DELETE /admin/user/:id
- DELETE /admin/seller/:id

4. Frontend Components

Seller:

- Dashboard page with cards for stats
- Forms for adding/editing products/courses

User:

- Catalog page displaying products/courses
- Detail page for each item
- Enrollment and interaction buttons

Admin:

- Dashboard with metrics cards
- User and seller management tables

5. Flowcharts / Diagrams (Conceptual)

Seller -> Adds/Updates Products/Courses -> Stored in DB -> User Views Catalog -> User Enrolls/Interacts -> Admin Monitors Platform

Note: You can create visual diagrams using tools like draw.io, Figma, or Lucidchart and include screenshots if desired.

6. Optional Enhancements

- Search and filter functionality for users
- Ratings, likes, and comments for products/courses
- Email notifications on enrollment or activity
- Analytics and advanced reporting for admin
- Role-based access control refinements