Django Udemy Clone - Project Roadmap (TDD Approach)

1. **User Management & Authentication**
   - Custom User model with roles (Student, Instructor, Admin).
   - Admin customization for managing users.
   - Tests for user creation, roles, and admin integration.

2. **Course Management**
   - Model for Course, Lessons, Categories, Tags.
   - Tests for Course creation & retrieval.
   - Image field for Course cover (Course image support).

3. **Enrollment & Payment System**
   - Students enroll in courses.
   - Payment system integration (Stripe/Paystack).
   - Tests for enrollment & payment flow.

4. **Video Handling**
   - Video upload & streaming.
   - Local storage (initial) or Cloud (later, e.g., AWS S3).
   - Tests for video access permissions.

5. **Reviews & Ratings**
   - Students leave reviews/ratings for courses.
   - Tests for review posting & filtering.

6. **Search & Filtering**
   - Implement course search by category, rating, or keyword.
   - Tests for search & filter functionality.

7. **API Development (DRF)**
   - API for course listing, enrollment, user profiles.
   - Tests for API endpoints.

8. **Deployment & Optimization**
   - Dockerization (optional) for production.
   - Redis + Celery for background tasks (e.g., sending emails).
   - Final testing & documentation.