1. **New Category Features**:
   * Bulk category creation
   * Category reordering
   * Category moving between parents
   * Category statistics (courses count, enrollments, etc.)
   * Enhanced validation for all operations
2. **New Category Endpoints**:

Code

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POST /api/course-categories/bulk - Bulk create categories

PATCH /api/course-categories/reorder - Reorder categories

PATCH /api/course-categories/:id/move - Move category to new parent

GET /api/course-categories/:id/stats - Get category statistics

1. **Started Curriculum Module**:
   * Created curriculum model with:
     + Course reference
     + Sections and items structure
     + Content types (video, document, quiz, etc.)
     + Duration tracking
     + Preview and required flags
     + Multi-tenant support
   * Added curriculum constants:
     + Status enums
     + Item type enums
     + Error messages
   * Created validation schemas for:
     + CRUD operations
     + Section management
     + Item management
     + Reordering operations
2. **Curriculum Service** (**curriculum.service.js**):
   * CRUD operations for curriculum
   * Section management (add, update, delete, reorder)
   * Item management (add, update, delete, reorder)
   * Validation and error handling
   * Multi-tenant support
3. **Curriculum Controller** (**curriculum.controller.js**):
   * Request handlers for all operations
   * Authentication and authorization
   * Error handling with catchAsync
4. **Curriculum Routes** (**curriculum.routes.js**):
   * Base curriculum endpoints
   * Section management endpoints
   * Item management endpoints
   * Validation middleware

The curriculum endpoints are:

Code

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Base Curriculum Routes:

POST /api/curriculums - Create curriculum

GET /api/curriculums/:id - Get curriculum

PATCH /api/curriculums/:id - Update curriculum

DELETE /api/curriculums/:id - Delete curriculum

GET /api/curriculums/course/:courseId - Get curriculum by course

Section Routes:

POST /api/curriculums/:id/sections - Add section

PATCH /api/curriculums/:id/sections/reorder - Reorder sections

PATCH /api/curriculums/:id/sections/:sectionId - Update section

DELETE /api/curriculums/:id/sections/:sectionId - Delete section

Item Routes:

POST /api/curriculums/:id/sections/:sectionId/items - Add item

PATCH /api/curriculums/:id/sections/:sectionId/items/reorder - Reorder items

PATCH /api/curriculums/:id/sections/:sectionId/items/:itemId - Update item

DELETE /api/curriculums/:id/sections/:sectionId/items/:itemId - Delete item

Special features implemented:

1. Hierarchical curriculum structure (sections and items)
2. Automatic duration calculation
3. Item count tracking
4. Support for different content types (video, document, quiz, etc.)
5. Preview and required flags for items
6. Ordering support for sections and items
7. Multi-tenant support
8. Proper validation and error handling