I'll help you understand which fields are admin-controlled vs system-controlled and where the admin manages these settings. Let me examine the database schema and admin interfaces.

**Course Placement Fields Analysis**

**Admin-Controlled Fields:**

**1. isFeatured (Institution Level)**

* **Control**: Admin-controlled
* **Location**: /admin/advertising and /admin/institution-monetization
* **Management**:
* Checkbox in institution edit dialog
* Controls featured status for entire institution
* Adds +1000 priority points to all courses from that institution

**2. isSponsored (Course Level)**

* **Control**: Admin-controlled (indirectly)
* **Location**: /admin/advertising
* **Management**:
* Set through subscription plans (ENTERPRISE = sponsored)
* Not directly editable, but controlled via institution subscription plan

**3. priority (Course Level)**

* **Control**: System-controlled (calculated)
* **Location**: Not directly managed in admin interface
* **Management**: Automatically calculated based on algorithm

**System-Controlled Fields:**

**1. Priority Score Calculation**

The system automatically calculates priority scores using this algorithm:

typescript

Apply

let priorityScore = 0;

*// Featured institution bonus (highest priority)*

if (course.institution.isFeatured) {

  priorityScore += 1000;

}

*// Commission rate bonus (0-50 points based on rate)*

priorityScore += (course.institution.commissionRate || 0) \* 10;

*// Subscription plan bonus*

const planBonus = {

  'BASIC': 0,

  'PROFESSIONAL': 50,

  'ENTERPRISE': 100

};

priorityScore += planBonus[course.institution.subscriptionPlan] || 0;

*// Recency bonus (newer courses get slight boost)*

const daysSinceCreation = Math.floor((Date.now() - new Date(course.createdAt).getTime()) / (1000 \* 60 \* 60 \* 24));

priorityScore += Math.max(0, 30 - daysSinceCreation);

*// Start date proximity bonus (sooner courses get boost)*

const daysUntilStart = Math.floor((new Date(course.startDate).getTime() - Date.now()) / (1000 \* 60 \* 60 \* 24));

priorityScore += Math.max(0, 30 - daysUntilStart);

**Where Admin Manages These Settings:**

**1. Primary Management Location: /admin/advertising**

* **Featured Institution Toggle**: Checkbox to mark institutions as featured
* **Commission Rate Management**: Adjust commission rates (0-50%)
* **Subscription Plan Management**: Change institution plans (BASIC/PROFESSIONAL/ENTERPRISE)
* **Revenue Analytics**: View performance metrics and recommendations

**2. Secondary Management Location: /admin/institution-monetization**

* **Institution Prioritization**: Manage featured status and subscription plans
* **Commission Rate Optimization**: Adjust rates for revenue optimization
* **Performance Analytics**: Track conversion rates and revenue generation

**3. Missing Admin Controls:**

* **Direct Course Priority Management**: No interface to manually set individual course priority scores
* **Course-Level Featured Status**: No way to feature individual courses (only institution-level)
* **Sponsored Course Management**: No direct control over isSponsored field

**Summary:**

* **Admin Controls**: Institution isFeatured, commission rates, subscription plans
* **System Controls**: Course priority (calculated), isSponsored (derived from subscription plan)
* **Primary Admin Interface**: /admin/advertising page
* **Secondary Admin Interface**: /admin/institution-monetization page

The system is designed to prioritize revenue optimization through institutional-level controls rather than individual course management, with the priority algorithm automatically handling course placement based on admin-set institution parameters.