

Perfect! Let me design a clean, practical UI structure for managing packages with all those elements.

## Main Package Management Screen

Packages		[+ New Package Template]				
Filters: [All Statuses ▼] [All Categories ▼] <input type="text"/> Search packages...						
Package Name	Status	Version	Enrolled	Price	Actions	
▶ 2024 Cybersecurity Training	Active	v2	23	\$49.99	[Edit]	[:]
▼ HR Compliance Package	Active	v1	156	\$29.99	[Edit]	[:]
<p>📋 Package Details</p> <p>Description: Annual HR compliance training for all employees</p> <p>Category: Human Resources</p> <p>Published: Dec 1, 2023 by Sarah Admin</p> <p>Effective Date: Jan 1, 2024</p>						
<p>📚 Contents (6 items)</p> <ul style="list-style-type: none"><li>• Harassment Prevention Training (Required)</li><li>• Diversity &amp; Inclusion Basics (Required)</li><li>• Policy Acknowledgment Group (Complete 1 of 2)<ul style="list-style-type: none"><li>- English Policy Docs</li><li>- Spanish Policy Docs</li></ul></li><li>• Advanced Topics (Choose 2 of 4)<ul style="list-style-type: none"><li>- Leadership Ethics (Optional)</li><li>- Conflict Resolution (Optional)</li><li>- Remote Work Best Practices (Optional)</li><li>- Mental Health Awareness (Optional)</li></ul></li></ul>						
<p>💰 Pricing &amp; Access</p> <p>Price: \$29.99 per user</p> <p>Visibility: Public (available in catalog)</p> <p>Enrollment: Open (users can self-enroll)</p>						
<p>[View Enrollments] [View Version History] [Create New Version]</p>						
▶ Q1 2024 Safety Training	Draft	v3	-	-	[Edit]	[:]
▶ Microsoft Office Fundamentals	Active	v1	89	Free	[Edit]	[:]

# Create/Edit Package Form

This would be a full-page form or a large modal with tabbed sections:

[← Back to Packages](#)

Creating New Package Template [Save Draft] [Publish]

Basic Info | Content | Pricing & Access | Preview

## Tab 1: Basic Info

Basic Information

Package Name \*

2024 Cybersecurity Training

Category  
[Security & Compliance ▼]

Description

Comprehensive cybersecurity training covering phishing, password security, data protection, and compliance requirements.

Internal Notes (not visible to users)

Updated annually. Include new phishing examples each year.

Effective Date (optional)  
[01/15/2024] 17

1 When this package becomes the official version for new enrollments

Change Notes (for version tracking)

Added new phishing awareness course. Updated GDPR content for 2024.

[Cancel] [Save & Continue]

## Tab 2: Content (The Complex One)

Package Content

Build your package by adding courses or course groups.  
Drag to reorder items.

[+ Add Course] [+ Add Course Group]

Current Contents (5 items):

- ≡ 1. Phishing Awareness [Edit] [Remove]  
 Single Course • Required  
Duration: 45 min • Last updated: Jan 2024
- ≡ 2. Password Security Fundamentals [Edit] [Remove]  
 Single Course • Required  
Duration: 30 min
- ≡ 3. Language Selection [Edit] [Remove]  
 Course Family • Complete 1 of 2
  - Data Protection Basics - English
  - Data Protection Basics - Spanish
- ≡ 4. Microsoft Office Series [Edit] [Remove]  
 Course Series • Complete all 3 in order
  - 1. MS Word Fundamentals
  - 2. MS Excel Fundamentals
  - 3. MS PowerPoint Fundamentals
- ≡ 5. Advanced Topics Electives [Edit] [Remove]  
 Choice Group • Complete 2 of 5 courses
  - Social Engineering Defense (Optional)
  - Incident Response Basics (Required) 
  - Cloud Security Fundamentals (Optional)
  - Mobile Device Security (Optional)
  - Zero Trust Architecture (Optional)

 Users must complete 2 total (including the 1 required course)

[Cancel] [Save & Continue]

## Add Course Modal

Add Course to Package [X Close]

Search Courses [Search by name or category...] ]

Category Filter: [All ▼]

Select a course:

- Phishing Awareness  
Security & Compliance • 45 min • Updated Jan 2024
- Password Security Fundamentals  
Security & Compliance • 30 min • Updated Dec 2023
- Data Protection Basics - English  
Security & Compliance • 60 min
- GDPR Overview  
Legal & Compliance • 90 min

[Showing 4 of 127 courses] [Load More...]

Course Settings

Required      Users must complete this course  
 Optional      Users can skip this course

Sequence Order (optional)  
[ ] Leave blank for no specific order

[Cancel] [Add Course]

## Add/Edit Course Group Modal

Create Course Group [X Close]

Group Name \*

### Advanced Topics Electives

#### Group Type \*

- Course Family      Users complete 1 course from the group
- Course Series      Users complete all courses in sequential order
- Choice Group      Users complete X of Y courses

#### Completion Requirement \*

Users must complete [2] of [ ] courses

- Allow users to choose any courses
- Some courses are required

#### Description (optional)

Select 2 advanced cybersecurity topics to deepen your knowledge

#### Courses in this Group

[+ Add Course]

##### ≡ Social Engineering Defense

[Edit] [Remove]

- Required  Optional
- Security • 45 min

##### ≡ Incident Response Basics

[Edit] [Remove]

- Required  Optional
- Security • 60 min

##### ≡ Cloud Security Fundamentals

[Edit] [Remove]

- Required  Optional
- Security • 90 min

Must add at least 2 courses to this group

[Cancel] [Save Course Group]

### Tab 3: Pricing & Access

#### Pricing & Access Settings

## Pricing

- Free
- Paid

Price per user: \$ [49.99]

Offer bulk discount

10-50 users:	[10] % off
51-100 users:	[15] % off
100+ users:	[20] % off

## Visibility

Who can see this package?

- Public Available in course catalog for all users
- Private Only visible to specified organizations/groups
- Hidden Not listed (direct link access only)

[If Private selected:]

Select Organizations/Groups
<input checked="" type="checkbox"/> Acme Corp
<input checked="" type="checkbox"/> Tech Division
<input type="checkbox"/> Sales Team

## Enrollment

How can users enroll?

- Open Users can self-enroll
- Admin-only Only admins/managers can assign
- Approval Users request, admin approves

Enrollment Period (optional)

Start Date: [01/15/2024]  End Date: [12/31/2024] 

Maximum Enrollments (optional)

[ ] Leave blank for unlimited

## Additional Settings

Certificate of Completion

- Award certificate upon package completion

Completion Deadline

- Require completion within [90] days of enrollment

Re-certification

- Require re-completion every [12] months

[Cancel] [Save & Continue]

## Tab 4: Preview

Preview

This is how users will see this package in the catalog:

 2024 Cybersecurity Training \$49.99  
Security & Compliance

Comprehensive cybersecurity training covering phishing, password security, data protection, and compliance requirements.

 Includes: 5 courses, 3 course groups  
 Estimated time: 6-8 hours  
 Certificate awarded upon completion

What you'll learn:

- Phishing Awareness (Required)
- Password Security Fundamentals (Required)
- Language Selection (Complete 1 of 2)
- Microsoft Office Series (Complete all 3)
- Advanced Topics Electives (Choose 2 of 5)

[\[Enroll Now\]](#)

**⚠ Validation Issues:**  
• None - Ready to publish!

[\[Save as Draft\]](#) [\[Publish Package\]](#)

## Key UX Considerations

### Validation Rules

Before publishing, validate:

- Package has a name
- At least one course or course group added
- All course groups have minimum required courses

- Choice groups: completion requirement  $\leq$  total courses
- Required courses in choice groups  $\leq$  completion requirement
- Series have sequential order set
- No duplicate courses across the package

## Visual Indicators

### Status Badges:

-  Active (green) - Published and currently active
-  Draft (yellow) - Work in progress
-  Archived (gray) - Old version, no new enrollments

### Course Type Icons:

-  Single Course
-  Course Family (1 of N)
-  Course Series (all in order)
-  Choice Group (X of Y)

## Smart Features

### Auto-save drafts:

```
// Save every 30 seconds if changes detected
useAutoSave(formData, 30000);
```

### Conflict detection:

 Warning: "Phishing Awareness" is already in this package at position 1. Adding it again may confuse users.

[Add Anyway] [Cancel]

### Estimated completion time:

```
// Calculate based on course durations
totalTime = sum(all required courses) +
            avg(choice group courses needed) +
            sum(all series courses)
```

### Bulk operations:

Select All | Actions: [Move ▼] [Delete] [Set as Required]

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# Mobile Considerations

For mobile/tablet views:

- Stack form fields vertically
  - Make course items fully expandable cards
  - Use bottom sheet for modals
  - Sticky action buttons (Save Draft, Publish)
  - Simpler drag-and-drop (long-press with visual feedback)
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## Data Flow Example

### Creating a new package:

```
// Step 1: User fills Basic Info tab
POST /api/packages
{
  name: "2024 Cybersecurity Training",
  category: "Security & Compliance",
  description: "...",
  status: "draft"
}
// Returns: package_id, package_version_id (v1 draft)

// Step 2: User adds courses (Content tab)
POST /api/package-versions/{version_id}/items
{
  item_type: "course",
  item_id: 123,
  is_required: true,
  sequence_order: 1
}

POST /api/course-groups
{
  name: "Language Selection",
  group_type: "family",
  completion_requirement: 1
}
// Returns: course_group_id

POST /api/course-groups/{group_id}/courses
{
  course_id: 456,
  is_required: false
}

POST /api/package-versions/{version_id}/items
{
  item_type: "course_group",
```

```
    item_id: {course_group_id},
    sequence_order: 3
}

// Step 3: User sets pricing (Pricing & Access tab)
PATCH /api/package-versions/{version_id}
{
    price: 49.99,
    visibility: "public",
    enrollment_type: "open",
    award_certificate: true
}

// Step 4: User publishes
POST /api/package-versions/{version_id}/publish
{
    effective_date: "2024-01-15",
    change_notes: "Initial release"
}
// Sets status='published', is_active=true
```

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Does this UI structure work for your vision? Any specific interactions or edge cases you'd like me to detail further?