Feature Model (Simplified Tree)

1. Web Portal

Marketing Content
- News / Blogs / Announcements
- Live Streaming
- Featured Courses

Course Catalogue
- Browse / Search / Filter

Account Management
- Signup (via NAFATH)
- Login / Logout (SSO + security)
- Language Selection (Arabic / English)
- User Profile Management (sync with LMS/SIS)
- Role-Based Access Control (Student / Parent / Admin)

Registration & Enrollment
- Guided Registration Workflow
- Parental Approval Workflow
- Enrollment Tracking

Personalization & Engagement
- Notifications (Course alerts / Marketing updates)
- Personalized Dashboard (Saved / Viewed / Favorites)

Payment & Subscription
- Online Payment Integration
- Subscription & Refund Management

2. CMS

Course Catalogue Management (Add / Edit / Remove Courses)
Content Management (News / Blogs / Announcements)
Branding & Theming Consistency
Marketing Automation (Push Notifications, Recommendations)
SEO Optimization
Analytics & Reports (Google Analytics Integration)

3. LMS

Student Learning Access
- SSO Login
- Learning Profile & Progress
- Access Materials, Assignments, Grades, Attendance

Instructor Portal
- Upload Materials / Assignments / Grades
- Instructor Dashboard

Community
- Forums / Groups / Messaging / Q&A

Account Management (Student & Instructor accounts)

4. SIS

Unified Student Profile (Sync with Portal & LMS)
Role-Based Access Control (Students / Parents / Instructors / Admins)
Approval Workflows
- Signup Approval (Parent approval for <14)
- Enrollment Approval (Course form, prerequisites, seats, optional parent approval)
Integration with LMS (Auto-create Learning Profile)
Academic Records (Enrollment History, Status Updates)
Notification Service (Student & Parent Alerts)

5. Mobile App

LMS Access (Materials, Assignments, Grades, Attendance)
Notifications (Course + Marketing alerts)
Personalized Dashboard (Favorites, Recently Viewed)
Integration with Website/CMS (News, Blogs, Live Events, Featured Courses)