**# Academic Learning Platform**

**## Project Overview**

An advanced web-based learning management system designed to connect instructors, students, and administrators through a comprehensive educational platform.

**## Key Features**

**### User Roles**

- Admin Dashboard

- Instructor Dashboard

- Student Dashboard

**### Core Functionality**

- Course Management

- Payment Integration (PayPal)

- Content Hosting (Bunny.net)

- Exam and Assessment System

- Profit Tracking and Withdrawals

- Dark Mode Support

**## Technical Stack**

- Frontend: React (Inertia.js)

- Backend: Laravel

- Authentication: Laravel Breeze

- Payment: PayPal

- Media Hosting: Bunny.net

**## System Modules**

**### 1. Course Management**

- Create and manage courses

- Define course structure (chapters, lectures)

- Set course pricing

- Add multimedia content

**### 2. Exam System**

Supports 4 question types:

- Multiple Choice

- Single Choice

- Drag and Drop

- Yes or No

- Free Text/Essay

Features:

- Configurable exam duration

- Per-chapter or course-wide exams

- Automatic grading

- Detailed performance analytics

**### 3. Financial Management**

Withdrawal Options:

- Bank Transfer

- PayPal

- Internal Wallet

Revenue Sharing:

- Platform takes 60% commission

- Instructors receive 40% of course price

**### 4. User Experience**

- Responsive Design

- Dark/Light Mode

- Personalized Dashboards

- Progress Tracking

**### 4. Notification:**

1. Update Status for Courses

2. Withdrawal Reqruest

3. Updated Balance when stuednt buying a course (balance status) for instructor and admin

4. Newly added courses by the instructor that are in pending status (Admin only)

**### 5. Email:**

1. Update Status for Courses

2. Withdrawal Request status and  Payment proof email (instructor)

3. Payment email contains invoice (student)

4. Email for online courses containing meeting details

5. Send a welcome email to the student when purchasing a course

6. Send an email to the instructors when the student purchases his course

7. New Couese Add to student

**## Authentication & Security**

- Email Verification

- Role-based Access Control

- Content Protection Mechanisms

**## Installation**

**### Prerequisites**

- PHP 8.1+

- Composer

- Node.js

- NPM

- PayPal Developer Account

- Bunny.net Account

**## Routes Overview**

**### Admin Routes**

- Dashboard management

- User management

- Course approval

- Withdrawal processing

- Profit analytics

**### Instructor Routes**

- Course creation

- Lecture and chapter management

- Exam design

- Withdrawal requests

- Profile management

**### Student Routes**

- Course enrollment

- Lecture access

- Exam taking

- Progress tracking

- Profile management

**## Security Features**

- Content protection against:

  - Screenshots

  - DevTools access

  - Right-click restrictions

- Email verification invalidation

- Violation tracking system

**## Performance Optimization**

- Caching mechanisms

- Efficient database queries

- Lazy loading of resources

**## Future Roadmap**

- Enhanced interactive content

- Language support

**## License**

https://github.com/AbdoAssall

**## Support**

For issues and support, please open a GitHub issue or contact abdoassal85@gamil.com