FPT ACADEMY INTERNATIONAL
FPT – APTECH COMPUTER EDUCATION

PROJECT: E-Learning Management System

GROUP NO: Group03   **BATCH**: T2.2410.E0

Version v1.0 — Updated: 2025-10-03

Target: Learner, Instructor, Admin

System requirements: Latest Chrome/Edge/Safari/Firefox, stable Internet, resolution ≥ 1366×768.

A. Content:

1.   Introduction
2.   Quick Start (5 min)
3.   How-tos:
   ● Learner (6 tasks)
   ● Instructor (5 tasks)
   ● Admin (4 tasks)
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B. Introduce:

   An e-learning platform that helps you buy/study online courses, create & sell courses (Instructor), and manage the system (Admin). This document guides each role through practical tasks, along with quick troubleshooting.

C. Quick Start – 5 minutes

1. Go to Home page: / → open Login: /login.
2. Register (if you don't have an account): /register.
3. Login: enter email/password → Login.
4. Automatically navigate by role:
   - Learner → /learner
   - Instructor → /instructor
   - Admin → /admin.

D. How-to

Learner (6 tasks)

1) Register & Login

Goal: Get an account and access the Learner dashboard.

Step:

1. Go to /register → fill in information → Create account.
2. Go to /login → enter email/password → Login.
3. See the message "Login successful".

   Result: Navigate to /learner.

   Common errors: Invalid credentials, 401/419 → login again or Forgot password.

2) Buy the course (Checkout)

Goal: Complete payment for a course.

Step:

1. Open the list: /courses → select the key /courses/:id.
2. Click Buy/Enroll → go to /checkout.
3. Enter payment information → Pay → view /checkout/success.

4. Result: Order successful, with Invoice link.

   Common Error: Payment failed → try again, check method or contact support.

3) View/My Learning & start learning

Objective: Access the purchased course and start learning.

Step:

1. Go to /my-learning → select course.
2. Go to lesson: /courses/:id/lesson/:lessonId.
3. The lesson player displays the video/document content.

   Result: Progress status is saved.

4) Continue the lesson (resume)

Objective: Return to the learned position. Step:

1. Go to /my-learning → the course you are studying.
2. Click Resume → open the most recent lesson.

   Result: Continue from saved point.

5) Submit feedback/review

Objective: Evaluate the course learned.

Step:

1. On the key page /courses/:id or in player → Feedback/Rating.
2. Enter stars + comments → Submit.

   Result: Feedback is saved, displayed as specified.

   Error: Button not visible? Only displayed with purchased & eligible keys.

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6) View Invoice

Objective: Download your invoice.

Steps:

1. From Order Success, click Invoice or go to /invoice/:paymentId.
2. Click Download PDF (if available).

Instructor (5 tasks)

7) Create a New Course

Objective: Set up a course shell.

Steps:

1. Go to /instructor → Courses → New Course or /instructor/courses/new.
2. Fill title, description, price, category → Save.
   Result: Course created in *draft*.

8) Add Lessons

Objective: Upload lesson content.

Steps:

1. Go to /instructor/lessons.
2. Add lesson → pick a course → title → upload video/material → Save.
   Result: Lesson attached to the course.

9) Publish a Course

Objective: Make the course purchasable.

Steps:

1. In /instructor/courses, open the course → Publish.

2. Confirm details → Confirm.

   Result: Status becomes *published*; visible on /courses.

   Issues: Missing required content → add lessons, thumbnail, description.

10) View Instructor Reports

Objective: Track revenue and engagement.
 Steps:

1. Go to /instructor/reports.
2. Filter by course/date → view charts; export CSV if available.

11) Instructor Payouts

Objective**:** Review payout/settlement history.
 Steps:

1. Go to /instructor/payments.
2. Check status, pay period, and amounts.

Admin (4 tasks)

12) Manage Users

Objective: Search, change roles, lock/unlock accounts.
 Steps:

1. Go to /admin/users → search users.
2. Edit → set role (Admin/Instructor/Learner) → Save.

   Result: Role updated; it affects post-login redirection.

13) Manage Courses

Objective: Approve/edit/remove courses.
 Steps:

1. /admin/courses → open a course → Approve/Reject/Edit/Delete.

2. Review lesson content at /admin/lessons if needed.

14) Moderate Feedback & Complaints

Objective: Approve and handle user feedback.
 Steps:

1. /admin/feedback → open detail /admin/feedback/:id.
2. Approve/Hide or reach out to users as needed.

15) System Reports & Payments

Objective: View platform-wide revenue and process payments.
 Steps:

1. Reports: /admin/reports.
2. Payments: /admin/payments (edit at /admin/payments/edit/:id).

🔐 Access: /admin requires Admin; /instructor requires Instructor. If you get redirected to /, verify your role.

E. Frequently Asked Questions (FAQ)

● **Q1:** I log in but get sent back to Home.
   A: Your account lacks access to that page. Check your role or contact Admin.
● **Q2:** I purchased a course but it's not in **My Learning**.
   A: Refresh the page. If still missing, verify the order on **Order Success/Invoice**.
   Contact support if charged without access.
● **Q3:** I forgot my password.
   A: Use `/forgot-password` to request a reset link.
● **Q4:** Why isn't my feedback visible yet?
   A: Feedback may require review or a minimum progress threshold.

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F. Glossary

- Learner: The person who buys/takes the course.
- Instructor: The instructor who creates & sells the course.
- Admin: System administrator, content reviewer, user, payment.
- Course/Lesson: Course/Lesson.
- Checkout/Invoice: Payment page/Invoice.
- Feedback/Rating: Feedback/rating about the course.

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