Project Name:

Training Courses Platform

Platforms: Mobile Application for Students & Teachers, Web Admin Dashboard

Actors:

- Admin
- Student
- Teacher

Functional Requirements

1. Admin Features (Web Only)

- Approve/reject uploaded videos.
- Enroll a student in a course using username or unique ID.
- Delete student/teacher using username or ID.
- Add/delete courses or videos.
- View a list of courses provided by each teacher.
- View a list of users enrolled in each course.
- Reset student/teacher PIN ID (admin can't view PINs).
- Reset student/teacher passwords (admin can't view passwords).
- Add/delete elements for the study field dropdown list shown from the student when registered in app.
- All website access is restricted to admin only.
- If admin forget his password, he can reset it using his email.

2. Student Features (Mobile App)

- Register without admin approval with:
 - Full name
 - Username
 - University name
 - Study field (dropdown)
 - Syriatel Cash ID (must be validated format)
 - Set a secure PIN ID (for payment validation) (must be validated format (4 numbers only))
- Unique ID generated on registration.
- Can favorite courses.
- View:
 - All marked courses as a favorite (title, description, teacher, thumbnail, auto-end date)
 - Free courses separately
- Receive:
 - Notification when enrolled successfully
 - Notification when new video is added to enrolled course
- Can unsubscribe from a course if enrolled by mistake.
- Can't take screenshots or record screen. (Very important)
- Payment for course:
 - Interface shows payment details.
 - o Requires PIN for confirmation.
 - o On success: notification + downloadable PDF.
- Resetting PIN requires admin intervention.

Credentials and PINs stored hashed & securely.

3. Pacher Features (Mobile App)

- Register without admin approval with:
 - Full name (mandatory)
 - Username (mandatory)
 - o Teaching fields (dropdown, multiple selectable) (optional)
 - University name (optional)
 - Syriatel Cash ID (validated format)
- Create a course with:
 - Course name (mandatory)
 - Description (mandatory)
 - Skills (mandatory)
 - Target university course (mandatory)
 - Target student fields (dropdown, multiple selectable) (mandatory)
 - Price (mandatory)
 - Subscription end date (mandatory)
 - Thumbnail of course (optional)
 - Notes (optional)

Course Features

- Consist of:
 - Videos (no download allowed)
 - Materials: PDF, Images, Word, Excel, PowerPoint (download allowed)
- Videos available in multiple resolutions.
- Admin and teacher can manage courses and materials.

• Free courses should be accessible without payment.

Payment & Subscription Logic

- Student pays using Syriatel Cash.
- Payment split:
 - o 30% to admin
 - o 70% to teacher
- Payment interface shows full details before transfer.
- PIN required to approve transaction.
- After payment:
 - Confirmation notification
 - Downloadable receipt in PDF
- Auto-end of course subscription at semester end (based on teacher input).

Mobile App UI Structure

- Splash screen with marketing animation.
- After login/registration → show three main buttons:
 - Home (All Courses)
 - Favorite Courses
 - Free Courses
- Home includes:
 - Search bar
 - o Filtered course listings with all course metadata
- Telegram channel link available as a main page link in the app.

Supported Languages

- Arabic
- English
- Turkish
- German

Security

- No guest access allowed.
- User credentials and PINs must be hashed and stored securely.
- No screen recording or screenshots allowed in the mobile app.
- Videos have no download button (except for materials).

Notifications

- On video addition: student enrolled in course gets notified.
- On enrollment: student and admin get notified.