

Training and Learning Portal (TLP)

Education is one of the largest services which is moving forward towards digitalization. After covid many Education institutes started looking for providing Online courses and classes an education portal which has a generalized learning portal where training content can be uploaded.

Topic and subtopics can include:

Content,
Assessment,
Process Tracking,
Certifications

This portal can be used at various place like

- Company internal Trainings
- College Digitalization
- Coaching Learning Portal
- Other education industries

Some of the functionalities of TLP is as follows:

User:

- Landing page as a Dashboard, My Learnings
 - Courses in progress.
 - Recent Modules.
 - Completed courses count.
 - A graph to show started courses and completed %.
- My Assignments
 - Current Assignments should have the option to add the documents in the form of PDF, PPT, jpg, png, jpeg.
 - Old Assignments, Option to download them, Check evaluation results.
- My Learnings
 - Live classes
 - In progress modules
 - Offline mode (Upcoming scope): have all the downloaded content.
- All Courses
 - Show all courses, for the once user don't have access give option to request Access.
- Forums
 - On each topic / subtopic there should be the option to add comments.
 - Trainers/ coauthors can delete any comment.
 - Trainers/ Coauthors should be notified on every new comment added.
 - On Forums, I should be able to see all my comments and on clicking them I should be navigated to that topic.

Trainers

- Can create courses, modules, topics, sub-topics and respectively can add content to them
- Can add co-authors to a Module (max no of Authors+ Coauthors to be managed by Admin)
- Can assign assessments for courses.
- Track Progress % for Their courses. (Who all started and for each user, % completed by them)
- Can introduce Paid content (New, to be approved by Content admin)

Good to have features.

- Sharing certificates on LinkedIn
- Show Achievements
- Auto next on completion of one topic
- Opportunities for skills
- Module completion to be notified to User, CC: (Management) Admins assigned to user.
- Trainers can publish notifications, emails, or WhatsApp msg for 1) all, 2) Enrolled for a particular course.
- Students should not be allowed to download the Content.
- The Content Should be only accessible using the TLP Portal or app.
- Download Option to make content can be used only in TLP offline mode.

Assumptions

- Each module is different.
- Content can be Text, Images, PDF, PPT, Videos etc.

Basic Structure

Skills => Course => Module => Topic => Sub-Topic

Phase 1:

- Database setup
- Application setup with Mendix
- Authentication / authorization
- Content CRUD
- Forums in each topic for Open discussions
- Progress tracking overviews (for Trainers), Also Personal progress tracking (for students/users)
- Achievement Badges
- Learning Streak
- Rate Course
- Courses completed in this month ...
- Brand configuration

Phase 2:

- UI
- Emails
- Notifications
- LinkedIn Comments
- Live Events
- Challenges + Milestones
- Opportunities notifications ...