**Learning Management System (LMS) Development Tracker: Updated 19/12/2024**

**Overview**

This document tracks the progress of the LMS development, summarizing completed tasks, ongoing activities, and planned next steps.

**1. Completed Tasks**

**Branch Management**

* Implemented the Branch model with fields and relationships.
* Integrated the Branch model into the CustomUser and Course models.
* Populated branches (Branch A, Branch B) and assigned them to users and courses in the admin panel.

**Admin Dashboard**

* Fixed the **Admin Dashboard** to display branch-specific data.
* Created a working template for the Admin Dashboard.

**Manage Courses Link**

* Created courses/urls.py and linked it to the main urls.py.
* Added a course\_list view to list all courses with their branches.
* Created a functional template (course\_list.html) to display courses.

**Manage Users Link**

* Added a user\_list view in users/views.py to display all users.
* Created users/urls.py to route the Manage Users link.
* Designed a functional template (user\_list.html) to display users with roles and branches.

**General Fixes and Enhancements**

* Fixed template errors by adapting Django’s template syntax (if-else logic).
* Verified that all dashboard links (Admin Panel, Manage Courses, Manage Users) are operational.

**2. Ongoing Activities**

* Testing links and functionalities to ensure seamless user experience.
* Validating that filtering logic for SuperAdmins shows all courses by default.

**3. Upcoming Tasks**

**Instructor and Learner Dashboards**

* Create dashboards for **Instructors** and **Learners**.
* Display assigned courses and progress data for Instructors.
* Display enrolled courses and progress tracking for Learners.

**SCORM Integration**

* Begin implementing SCORM player integration for uploading, managing, and tracking SCORM-compliant courses.

**Reporting Features**

* Add foundational reporting functionality:
  + User activity.
  + Course-level performance metrics.

**UI Enhancements**

* Improve dashboard and template design using CSS or frameworks like Bootstrap.

**4. Notes for Future Chats**

* Filtering logic for courses:
  + **SuperAdmins**: Show all courses by default.
  + Add filtering options for branch-specific courses if needed.
* Summarize daily activities and key decisions for continuity.