

# Trainer Timetable App with Calendar View

(Complexity Level **LOW**-Time : 10 Days)

## Background

Training centers often struggle to keep trainers informed of their upcoming sessions in a clear and centralized way. Spreadsheets and manual coordination are error-prone and inefficient. To solve this, a simple calendar-based app is required that **displays each trainer's class schedule**, fetched directly from the database, in a clean and intuitive way.

## Objective

Develop a **lightweight calendar app** that connects to an SQL database, reads from the trainer\_utilization and member tables, and displays each trainer's scheduled sessions in a **calendar interface**. The trainer should be able to log in and view only their schedule.

## Requirements

### Functional Requirements

1. **Trainer Login**
  - a. Login using email/ID from member table
  - b. Basic session-based or token-based authentication
2. **Calendar View**
  - a. Fetch scheduled sessions from trainer\_utilization
  - b. Show sessions on calendar (weekly/monthly view)
  - c. Display course name, date, time, and location on hover or click -->trainer\_utilization table
3. **Trainer Filtering**
  - a. On login, automatically filter and show only the logged-in trainer's sessions
  - b. Admin view (optional) can show all trainers' schedules
4. **Notification Indicator**
  - a. Highlight today's or upcoming sessions

## Database

1. CMIS DB—trainer\_utilization table
2. Use only mysql

## Deliverables

- Web app source code.
- Database connection and read logic implemented
- Calendar view with filtered session display
- ReadMe file for setup
- 2–3 sample trainers and schedules for demo