

Mini LMS (Learning Management System) in PHP with:

- Admin panel (upload YouTube links + PDFs, assign course)
- Student system (signup/login)
- Course + lecture access control

I'll walk you through this **step-by-step with simple working code structure** so you can build it cleanly.

□ 1. Project Structure

```
lms/
├── config.php
├── admin/
│   ├── login.php
│   ├── register.php
│   ├── logout.php
│   ├── dashboard.php
│   ├── add_course.php
│   ├── view_courses.php
│   ├── add_lecture.php
│   ├── view_lectures.php
│   ├── edit_lecture.php
│   └── delete_lecture.php
├── student/
│   ├── register.php
│   ├── login.php
│   ├── logout.php
│   ├── dashboard.php
│   └── course.php
└── uploads/
```

□ 2. Database Setup (MySQL)

Create database: lms

```
CREATE TABLE admins (
    id INT AUTO_INCREMENT PRIMARY KEY,
    username VARCHAR(50),
    password VARCHAR(255)
);
```

```
CREATE TABLE students (
    id INT AUTO_INCREMENT PRIMARY KEY,
```

```

        name VARCHAR(100),
        email VARCHAR(100),
        password VARCHAR(255)
    );

CREATE TABLE courses (
    id INT AUTO_INCREMENT PRIMARY KEY,
    title VARCHAR(255)
);

CREATE TABLE lectures (
    id INT AUTO_INCREMENT PRIMARY KEY,
    course_id INT,
    title VARCHAR(255),
    youtube_link TEXT,
    pdf_file VARCHAR(255)
);

CREATE TABLE enrollments (
    id INT AUTO_INCREMENT PRIMARY KEY,
    student_id INT,
    course_id INT
);

```

3. Database Connection (`config.php`)

```

<?php
$conn = new mysqli("localhost", "root", "", "lms");

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
session_start();
?>

```

4. Admin Login

admin/login.php

```

<?php
include('../config.php');

if(isset($_POST['login'])){
    $u = $_POST['username'];
    $p = md5($_POST['password']);

    $q = $conn->query("SELECT * FROM admins WHERE username='$u' AND
password='$p'");

    if($q->num_rows > 0){

```

```
        $_SESSION['admin'] = $u;
        header("Location: dashboard.php");
    } else {
        echo "Invalid login";
    }
}
?>

<form method="post">
<input type="text" name="username" placeholder="Username">
<input type="password" name="password">
<button name="login">Login</button>
</form>
```

□ 5. Add Course (Admin)

admin/add_course.php

```
<?php
include('../config.php');

if(isset($_POST['add'])){
    $title = $_POST['title'];
    $conn->query("INSERT INTO courses(title) VALUES('$title')");
    echo "Course Added";
}
?>

<form method="post">
<input type="text" name="title" placeholder="Course Title">
<button name="add">Add Course</button>
</form>
```

□ 6. Add Lecture (YouTube + PDF Upload)

admin/add_lecture.php

```
<?php
include('../config.php');

if(isset($_POST['submit'])){
    $course_id = $_POST['course_id'];
    $title = $_POST['title'];
    $youtube = $_POST['youtube'];

    // PDF Upload
    $pdf = $_FILES['pdf']['name'];
    $tmp = $_FILES['pdf']['tmp_name'];
    move_uploaded_file($tmp, "../uploads/".$pdf);
```

```

    $conn->query("INSERT INTO lectures(course_id, title, youtube_link,
pdf_file)
    VALUES ('$course_id', '$title', '$youtube', '$pdf')");

    echo "Lecture added!";
}
?>

<form method="post" enctype="multipart/form-data">
<select name="course_id">
<?php
$res = $conn->query("SELECT * FROM courses");
while($row = $res->fetch_assoc()){
    echo "<option value='{$row['id']}'>{$row['title']}</option>";
}
?>
</select>

<input type="text" name="title" placeholder="Lecture Title">
<input type="text" name="youtube" placeholder="YouTube Link">
<input type="file" name="pdf">
<button name="submit">Upload</button>
</form>

```

7. Student Registration

student/register.php

```

<?php
include('../config.php');

if(isset($_POST['register'])){
    $name = $_POST['name'];
    $email = $_POST['email'];
    $pass = md5($_POST['password']);

    $conn->query("INSERT INTO students(name,email,password)
VALUES ('$name', '$email', '$pass')");

    echo "Registered!";
}
?>

<form method="post">
<input type="text" name="name">
<input type="email" name="email">
<input type="password" name="password">
<button name="register">Register</button>
</form>

```

□ 8. Student Login

student/login.php

```
<?php
include('../config.php');

if(isset($_POST['login'])){
    $email = $_POST['email'];
    $pass = md5($_POST['password']);

    $q = $conn->query("SELECT * FROM students WHERE email='$email' AND
password='$pass'");

    if($q->num_rows > 0){
        $data = $q->fetch_assoc();
        $_SESSION['student_id'] = $data['id'];
        header("Location: dashboard.php");
    } else {
        echo "Invalid login";
    }
}
?>

<form method="post">
<input type="email" name="email">
<input type="password" name="password">
<button name="login">Login</button>
</form>
```

□ 9. Student Dashboard (Enroll + View Courses)

student/dashboard.php

```
<?php
include('../config.php');

$student_id = $_SESSION['student_id'];

$res = $conn->query("SELECT * FROM courses");

while($row = $res->fetch_assoc()){
    echo $row['title'];
    echo "<a href='course.php?id=".$row['id']."'>View</a><br>";
}
?>
```

▶ 10. Watch Lectures (Protected)

student/course.php

```
<?php
include('../config.php');

$course_id = $_GET['id'];

$q = $conn->query("SELECT * FROM lectures WHERE course_id='$course_id'");

while($lec = $q->fetch_assoc()){
    echo "<h3>".$lec['title']."</h3>";

    // YouTube embed
    echo "<iframe width='560' height='315' src='".$lec['youtube_link']."'
allowfullscreen></iframe>";

    // PDF download
    echo "<br><a href='../uploads/".$lec['pdf_file']."'
target='_blank'>Download PDF</a><hr>";
}
?>
```

11. Important Improvements (VERY IMPORTANT)

Do NOT skip this in real projects:

Security Fixes

- Use `password_hash()` instead of MD5
- Use prepared statements (prevent SQL injection)
- Validate file uploads (PDF only)

Access Control

```
if(!isset($_SESSION['student_id'])){
    header("Location: login.php");
}
```

Full updated with bootstrap step by step guide:-

Admin panel:-

admin/dashboard.php file:-

```
<?php
```

```
include('../config.php');
```

```
if(!isset($_SESSION['admin'])){
```

```
    header("Location: login.php");
```

```
    exit;
```

```
}
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>Admin Dashboard</title>
```

```
<!-- Bootstrap -->
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">
```

```
</head>
```

```
<body class="bg-light">
```

```
<div class="container mt-5">
```

```
<div class="card shadow p-4">
```

```
<h2 class="text-primary">Admin Dashboard</h2>
```

```
<p>Welcome, <b>php echo $_SESSION['admin']; ?&gt;&lt;/b&gt;&lt;/p&gt;</pre
```

```
<hr>
```

```
<div class="row">
```

```
<div class="col-md-4">
```

```
<a href="add_course.php" class="btn btn-success w-100 mb-2">Add Course</a>
```

```
</div>
```

```
<div class="col-md-4">
```

```
<a href="add_lecture.php" class="btn btn-primary w-100 mb-2">Add Lecture</a>
```

```
</div>
```

```
<div class="col-md-4">
```

```
<a href="view_courses.php" class="btn btn-warning w-100 mb-2">View Courses</a>
```

```
</div>
```

```
<div class="col-md-4">
```

```
    <a href="assign_course.php" class="btn btn-warning w-100 mb-2"> assign Courses</a>
```

```
</div>
```

```
<div class="col-md-12 mt-3">
```

```
    <a href="logout.php" class="btn btn-danger w-100"> Logout</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

```
admin/add_course.php file :-
```

```
<?php
```

```
include('../config.php');
```

```
if(isset($_POST['add'])){
```

```
    $title = $_POST['title'];
```

```
    $conn->query("INSERT INTO courses(title) VALUES('$title')");
```

```
    echo "Course Added";
```

```
}  
?>
```

```
<form method="post">  
  <input type="text" name="title" placeholder="Course Title">  
  <button name="add">Add Course</button>  
</form>
```

Admin/add_lecture.php file :-

```
<?php  
include('../config.php');  
  
if(isset($_POST['submit'])){  
    $course_id = $_POST['course_id'];  
    $title = $_POST['title'];  
    $youtube = $_POST['youtube'];  
  
    // PDF Upload
```

```
$pdf = $_FILES['pdf']['name'];
$tmp = $_FILES['pdf']['tmp_name'];

move_uploaded_file($tmp, "../uploads/".$pdf);

$conn->query("INSERT INTO lectures(course_id, title, youtube_link, pdf_file)
VALUES('$course_id','$title','$youtube','$pdf)");

echo "<div class='alert alert-success'>Lecture Added Successfully!</div>";
}
?>

<!DOCTYPE html>
<html>
<head>
<title>Add Lecture</title>

<!-- Bootstrap -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">
</head>

<body class="bg-light">

<div class="container mt-5">
```

```
<div class="card shadow p-4">
```

```
<h2 class="text-primary mb-4">Add New Lecture</h2>
```

```
<form method="post" enctype="multipart/form-data">
```

```
<!-- Course Select -->
```

```
<div class="mb-3">
```

```
<label class="form-label">Select Course</label>
```

```
<select name="course_id" class="form-select" required>
```

```
<option value="">-- Choose Course --</option>
```

```
<?php
```

```
$res = $conn->query("SELECT * FROM courses");
```

```
while($row = $res->fetch_assoc()){
```

```
    echo "<option value='{$row['id']}'>{$row['title']}</option>";
```

```
}
```

```
?>
```

```
</select>
```

```
</div>
```

```
<!-- Title -->
```

```
<div class="mb-3">
```

```
<label class="form-label">Lecture Title</label>
```

```
<input type="text"
  name="title"
  class="form-control"
  placeholder="Enter lecture title"
  required>
</div>

<!-- YouTube Link -->
<div class="mb-3">
  <label class="form-label">YouTube Link</label>
  <input type="text"
    name="youtube"
    class="form-control"
    placeholder="https://youtube.com/watch?v=..."
    required>
</div>

<!-- PDF Upload -->
<div class="mb-3">
  <label class="form-label">Upload PDF</label>
  <input type="file"
    name="pdf"
    class="form-control"
    required>
</div>
```

```
<!-- Buttons -->
<button name="submit" class="btn btn-success">
    Add Lecture
</button>

<a href="dashboard.php" class="btn btn-secondary">
    Back
</a>

</form>

</div>

</div>

</body>
</html>
```

admin/assign_course.php file:-

```
<?php
include('../config.php');

if(!isset($_SESSION['admin'])){
```

```
header("Location: login.php");

exit;

}

if(isset($_POST['assign'])){

    $student_id = $_POST['student_id'];

    $course_id = $_POST['course_id'];

    $conn->query("INSERT INTO enrollments(student_id, course_id)
    VALUES('$student_id','$course_id')");

    echo "Course Assigned!";

}

?>

<h2>Assign Course to Student</h2>

<form method="post">

<!-- Students -->

<select name="student_id">

<?php

$s = $conn->query("SELECT * FROM students");

while($row = $s->fetch_assoc()){

    echo "<option value='{$row['id']}'>{$row['name']}</option>";
```

```
}
?>
</select>

<!-- Courses -->
<select name="course_id">
<?php
$c = $conn->query("SELECT * FROM courses");
while($row = $c->fetch_assoc()){
    echo "<option value='{$row['id']}'>{$row['title']}</option>";
}
?>
</select>

<button name="assign">Assign</button>
</form>
```

admin/edit_lecture.php file:-

```
<?php
include('../config.php');

if(!isset($_SESSION['admin'])){
    header("Location: login.php");
```

```
    exit;
}

$id = $_GET['id'];

$data = $conn->query("SELECT * FROM lectures WHERE id='$id'")->fetch_assoc();

if(isset($_POST['update'])){
    $title = $_POST['title'];
    $youtube = $_POST['youtube'];

    $conn->query("UPDATE lectures
SET title='$title', youtube_link='$youtube'
WHERE id='$id'");

    echo "<div class='alert alert-success'>Updated Successfully!</div>";
}
?>

<!DOCTYPE html>

<html>

<head>

    <title>Edit Lecture</title>

    <!-- Bootstrap -->
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">
```

```
</head>
```

```
<body class="bg-light">
```

```
<div class="container mt-5">
```

```
<div class="card shadow p-4">
```

```
<h2 class="text-primary mb-3">📄 Edit Lecture</h2>
```

```
<form method="post">
```

```
<div class="mb-3">
```

```
<label class="form-label">Lecture Title</label>
```

```
<input type="text"
```

```
name="title"
```

```
class="form-control"
```

```
value="<?php echo $data['title']; ?>">
```

```
</div>
```

```
<div class="mb-3">
```

```
<label class="form-label">YouTube Link</label>
```

```
<input type="text"
```

```
name="youtube"
```

```
        class="form-control"
        value="<?php echo $data['youtube_link']; ?>"
    </div>

    <button name="update" class="btn btn-success">
        Update Lecture
    </button>

    <a href="view_lectures.php?course_id=<?php echo $data['course_id']; ?>"
        class="btn btn-secondary">
        Cancel
    </a>

</form>

</div>

</div>

</body>
</html>
```

admin/delete_lecture.php file:-

```
<?php
```

```
include('../config.php');
```

```
if(!isset($_SESSION['admin'])){  
    header("Location: login.php");  
    exit;  
}
```

```
$id = $_GET['id'];
```

```
// First get course_id before deleting
```

```
$data = $conn->query("SELECT course_id FROM lectures WHERE id='$id'")->fetch_assoc();
```

```
$course_id = $data['course_id'];
```

```
// Delete lecture
```

```
$conn->query("DELETE FROM lectures WHERE id='$id'");
```

```
// Redirect back to same course lectures
```

```
header("Location: view_lectures.php?course_id=" . $course_id);
```

```
exit;
```

```
?>
```

admin/view_courses.php file:-

```
<?php
```

```
include('../config.php');
```

```
if(!isset($_SESSION['admin'])){  
    header("Location: login.php");  
    exit;  
}
```

```
$result = $conn->query("SELECT * FROM courses");  
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
```

```
</head>
```

```
<body class="bg-light">
```

```
<div class="container mt-5">
```

```
<h2 class="mb-4">📖 Courses</h2>
```

```
<table class="table table-bordered table-striped">
```

```
<tr class="table-dark">
```

```
<th>ID</th>
```

```
<th>Course Name</th>
```

```
<th>Action</th>
```

```
</tr>
```

```
<?php while($row = $result->fetch_assoc()){ ?>
```

```
<tr>
```

```
  <td><?php echo $row['id']; ?></td>
```

```
  <td>
```

```
    <a href="view_lectures.php?course_id=<?php echo $row['id']; ?>">
```

```
      <?php echo $row['title']; ?>
```

```
    </a>
```

```
  </td>
```

```
  <td>
```

```
    <a class="btn btn-sm btn-danger" href="delete_course.php?id=<?php echo $row['id']; ?>">Delete</a>
```

```
  </td>
```

```
</tr>
```

```
<?php } ?>
```

```
</table>
```

```
<a href="dashboard.php" class="btn btn-secondary">⌂ Back</a>
```

```
</div>
```

```
</body>
```

```
</html>
```

admin/view_lectures.php file:-

```
<?php
```

```
include('../config.php');
```

```
if(!isset($_SESSION['admin'])){
```

```
    header("Location: login.php");
```

```
    exit;
```

```
}
```

```
$course_id = isset($_GET['course_id']) ? $_GET['course_id'] : 0;
```

```
$course = $conn->query("SELECT * FROM courses WHERE id='$course_id'")->fetch_assoc();
```

```
if($course_id == 0){
```

```
    echo "<h3 class='text-danger'>Please select a course first</h3>";
```

```
    exit;
```

```
}
```

```
$result = $conn->query("SELECT * FROM lectures WHERE course_id='$course_id'");
```

```
function getYouTubeEmbed($url) {  
  
    if (preg_match('/v=([^\&]+)/', $url, $match)) {  
        return "https://www.youtube.com/embed/" . $match[1];  
    }  
  
    if (preg_match('/youtu\.be\/([^\?&]+)/', $url, $match)) {  
        return "https://www.youtube.com/embed/" . $match[1];  
    }  
  
    if (strpos($url, "embed") !== false) {  
        return $url;  
    }  
  
    return "";  
}  
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Lectures</title>
```

```
<!-- Bootstrap -->
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">
```

```
</head>
```

```
<body class="bg-light">
```

```
<div class="container mt-5">
```

```
<div class="card shadow p-4">
```

```
<h2 class="text-primary">
```

```
    ❏ Lectures for: <?php echo $course['title']; ?>
```

```
</h2>
```

```
<hr>
```

```
<table class="table table-bordered table-hover">
```

```
<thead class="table-dark">
```

```
<tr>
```

```
<th>ID</th>
```

```
<th>Title</th>
```

```
<th>Video</th>
```

```
<th>PDF</th>
```

```
<th>Action</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<?php while($row = $result->fetch_assoc()){ ?>
```

```
<tr>
```

```
<td><?php echo $row['id']; ?></td>
```

```
<td><?php echo $row['title']; ?></td>
```

```
<td>
```

```
<iframe width="200" height="120"
```

```
src="<?php echo getYoutubeEmbed($row['youtube_link']); ?>"
```

```
frameborder="0"
```

```
allowfullscreen>
```

```
</iframe>
```

```
</td>
```

```
<td>
```

```
<a class="btn btn-sm btn-info"
```

```
href=" ../uploads/<?php echo $row['pdf_file']; ?>"
```

```
target="_blank">
```

```
📄 View PDF
```

```
</a>
```

```
</td>
```

```
<td>
```

```
<a class="btn btn-sm btn-warning"
```

```
href="edit_lecture.php?id=<?php echo $row['id']; ?>">
```

```
Edit
```

```
</a>
```

```
<a class="btn btn-sm btn-danger"
```

```
href="delete_lecture.php?id=<?php echo $row['id']; ?>"
```

```
onclick="return confirm('Delete this lecture?')">
```

```
Delete
```

```
</a>
```

```
</td>
```

```
</tr>
```

```
<?php } ?>
```

```
</tbody>
```

```
</table>
```

```
<a href="view_courses.php" class="btn btn-secondary mt-3">
```

```
🔗 Back to Courses
```

```
</a>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

admin/register.php file:-

```
<?php
```

```
include('../config.php');
```

```
if(isset($_POST['register'])){
```

```
    $username = $_POST['username'];
```

```
    $password = md5($_POST['password']);
```

```
    $conn->query("INSERT INTO admins(username, password)
```

```
    VALUES('$username', '$password')");
```

```
    echo "<div class='alert alert-success text-center'>Admin Registered Successfully!</div>";
```

```
}
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>

  <title>Admin Signup</title>

  <!-- Bootstrap -->

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">

</head>

<body class="bg-light">

<div class="container d-flex justify-content-center align-items-center" style="height:100vh;">

  <div class="card shadow p-4" style="width: 400px;">

    <h3 class="text-center text-success mb-3">🔑 Admin Signup</h3>

    <form method="post">

      <div class="mb-3">

        <label class="form-label">Username</label>

        <input type="text"

          name="username"

          class="form-control"

          placeholder="Enter Username"

          required>

      </div>
```

```
<div class="mb-3">
  <label class="form-label">Password</label>
  <input type="password"
    name="password"
    class="form-control"
    placeholder="Enter Password"
    required>
</div>
```

```
<button name="register" class="btn btn-success w-100">
  Register Admin
</button>
```

```
<a href="login.php" class="btn btn-link w-100 text-center mt-2">
  Already have account? Login
</a>
```

```
</form>
```

```
</div>
```

```
</div>
```

```
</body>
```

</html>

admin/login.php file:-

```
<?php
```

```
include('../config.php');
```

```
if(isset($_POST['login'])){
```

```
    $u = $_POST['username'];
```

```
    $p = md5($_POST['password']);
```

```
    $q = $conn->query("SELECT * FROM admins WHERE username='$u' AND password='$p'");
```

```
    if($q->num_rows > 0){
```

```
        $_SESSION['admin'] = $u;
```

```
        header("Location: dashboard.php");
```

```
    } else {
```

```
        echo "<div class='alert alert-danger text-center'>Invalid login</div>";
```

```
    }
```

```
}
```

```
?>
```

```
<!DOCTYPE html>

<html>

<head>

  <title>Admin Login</title>

  <!-- Bootstrap -->

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">

</head>

<body class="bg-light">

<div class="container d-flex justify-content-center align-items-center" style="height:100vh;">

  <div class="card shadow p-4" style="width: 350px;">

    <h3 class="text-center text-primary mb-3">🔒 Admin Login</h3>

    <form method="post">

      <div class="mb-3">

        <label class="form-label">Username</label>


        <input type="text"

          name="username"

          class="form-control">
```

```
        placeholder="Enter username"
        required>
</div>

<div class="mb-3">
    <label class="form-label">Password</label>
    <input type="password"
        name="password"
        class="form-control"
        placeholder="Enter password"
        required>
</div>

<button name="login" class="btn btn-primary w-100">
     Login
</button>

</form>

</div>

</div>

</body>

</html>
```

admin/logout.php file code:-

```
<?php
include('../config.php');

// Destroy admin session
unset($_SESSION['admin']);
session_destroy();

// Redirect to login page
header("Location: login.php");
exit;
?>
```

Now Student panel:-

student/dashboard.php file:-

```
<?php
include('../config.php');

if(!isset($_SESSION['student_id'])){
    header("Location: login.php");
    exit;
}
```

```
$student_id = $_SESSION['student_id'];

// Get only assigned courses
$res = $conn->query("
SELECT courses.*
FROM courses
INNER JOIN enrollments
ON courses.id = enrollments.course_id
WHERE enrollments.student_id = '$student_id'
");
?>
```

```
<!DOCTYPE html>

<html>

<head>

  <title>Dashboard</title>

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">

</head>

<body class="bg-light">

<div class="container mt-5">

  <h2 class="text-primary">📖 My Courses</h2>
```

```
<div class="row">
```

```
<?php while($row = $res->fetch_assoc()){ ?>
```

```
<div class="col-md-4 mb-3">
```

```
<div class="card shadow">
```

```
<div class="card-body text-center">
```

```
<h5><?php echo $row['title']; ?></h5>
```

```
<a href="course.php?id=<?php echo $row['id']; ?>"
```

```
class="btn btn-primary w-100">
```

```
▶ Start Learning
```

```
</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<?php } ?>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

student/course.php file:-

```
<?php
```

```
include('../config.php');
```

```
if(!isset($_SESSION['student_id'])){
```

```
    header("Location: login.php");
```

```
    exit;
```

```
}
```

```
$course_id = $_GET['id'];
```

```
$q = $conn->query("SELECT * FROM lectures WHERE course_id='$course_id'");
```

```
// YouTube embed function
```

```
function getYoutubeEmbed($url) {
```

```
    if (preg_match('/v=([^\&]+)/', $url, $match)) {
```

```
        return "https://www.youtube.com/embed/" . $match[1];
    }

    if (preg_match('/youtu\.be\/(?:[^\?&]+)\/', $url, $match)) {
        return "https://www.youtube.com/embed/" . $match[1];
    }

    if (strpos($url, "embed") !== false) {
        return $url;
    }

    return "";
}
?>

<!DOCTYPE html>

<html>

<head>

    <title>My Lectures</title>

    <!-- Bootstrap -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">

</head>

<body class="bg-light">
```

```
<nav class="navbar navbar-light bg-white shadow-sm mb-4">
```

```
<div class="container">
```

```
<a href="logout.php" class="btn btn-outline-danger">
```

```
Logout
```

```
</a>
```

```
</div>
```

```
</nav>
```

```
<div class="container mt-5">
```

```
<h2 class="text-primary mb-4">📖 Course Lectures</h2>
```

```
<div class="row">
```

```
<?php while($lec = $q->fetch_assoc()){ ?>
```

```
<div class="col-md-6 mb-4">
```

```
<div class="card shadow">
```

```
<div class="card-body">
```

```
<h5 class="card-title">
```

```
<?php echo $lec['title']; ?>
```

```
</h5>
```

```
<!-- YouTube Video -->
```

```
<div class="ratio ratio-16x9 mb-3">
```

```
<iframe
```

```
src="<?php echo getYoutubeEmbed($lec['youtube_link']); ?>"
```

```
allowfullscreen>
```

```
</iframe>
```

```
</div>
```

```
<!-- PDF -->
```

```
<a href=" ../uploads/<?php echo $lec['pdf_file']; ?>"
```

```
target="_blank"
```

```
class="btn btn-info btn-sm">
```

```
📄 Download PDF
```

```
</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<?php } ?>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

student/register.php file:-

```
<?php
```

```
include('../config.php');
```

```
if(isset($_POST['register'])){
```

```
    $name = $_POST['name'];
```

```
    $email = $_POST['email'];
```

```
    $pass = md5($_POST['password']);
```

```
    $conn->query("INSERT INTO students(name,email,password)
```

```
    VALUES('$name','$email','$pass)");
```

```
    echo "<div class='alert alert-success text-center'>Registered Successfully!</div>";
```

```
}
```

```
?>
```

```
<!DOCTYPE html>

<html>

<head>

  <title>Student Signup</title>

  <!-- Bootstrap -->

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">

</head>

<body class="bg-light">

<div class="container d-flex justify-content-center align-items-center" style="height:100vh;">

  <div class="card shadow p-4" style="width: 400px;">

    <h3 class="text-center text-primary mb-3">👤 Student Signup</h3>

    <form method="post">

      <!-- Name -->

      <div class="mb-3">

        <label class="form-label">Full Name</label>

        <input type="text"

          name="name">
```

```
class="form-control"
placeholder="Enter your name"
required>
</div>
```

```
<!-- Email -->
```

```
<div class="mb-3">
  <label class="form-label">Email</label>
  <input type="email"
    name="email"
    class="form-control"
    placeholder="Enter your email"
    required>
</div>
```

```
<!-- Password -->
```

```
<div class="mb-3">
  <label class="form-label">Password</label>
  <input type="password"
    name="password"
    class="form-control"
    placeholder="Enter password"
    required>
</div>
```

```
<button name="register" class="btn btn-primary w-100">
```

```
    Register
```

```
</button>
```

```
<a href="login.php" class="btn btn-link w-100 text-center mt-2">
```

```
    Already have an account? Login
```

```
</a>
```

```
</form>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

student/login.php file:-

```
<?php
```

```
include('../config.php');
```

```
if(isset($_POST['login'])){
```

```
    $email = $_POST['email'];
```

```
    $pass = md5($_POST['password']);
```

```
$q = $conn->query("SELECT * FROM students WHERE email='$email' AND password='$pass'");

if($q->num_rows > 0){
    $data = $q->fetch_assoc();
    $_SESSION['student_id'] = $data['id'];
    header("Location: dashboard.php");
} else {
    echo "<div class='alert alert-danger text-center'>Invalid login</div>";
}
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Student Login</title>
```

```
<!-- Bootstrap -->
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">
```

```
</head>
```

```
<body class="bg-light">
```

```
<div class="container d-flex justify-content-center align-items-center" style="height:100vh;">
```

```
<div class="card shadow p-4" style="width: 400px;">
```

```
<h3 class="text-center text-primary mb-3">🔒 Student Login</h3>
```

```
<form method="post">
```

```
<!-- Email -->
```

```
<div class="mb-3">
```

```
<label class="form-label">Email</label>
```

```
<input type="email"
```

```
  name="email"
```

```
  class="form-control"
```

```
  placeholder="Enter email"
```

```
  required>
```

```
</div>
```

```
<!-- Password -->
```

```
<div class="mb-3">
```

```
<label class="form-label">Password</label>
```

```
<input type="password"
```

```
  name="password"
```

```
  class="form-control"
```

```
  placeholder="Enter password"
```

```
  required>
```

```
</div>
```

```
<button name="login" class="btn btn-primary w-100">
```

```
    <input type="button" value="Login" />
```

```
</button>
```

```
</form>
```

```
<div class="text-center mt-3">
```

```
    <a href="register.php">Create new account</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

student/logout.php file:-

```
<?php
```

```
include('../config.php');
```

```
unset($_SESSION['student_id']);
```

```
session_destroy();
```

```
header("Location: login.php");  
exit;  
?>
```

And if you want pdf to view student inside page then:-
course.php file code :-

```
<?php  
include('../config.php');  
  
if(!isset($_SESSION['student_id'])){  
    header("Location: login.php");  
    exit;  
}  
  
$course_id = $_GET['id'];  
  
$q = $conn->query("SELECT * FROM lectures WHERE course_id='$course_id'");  
  
// YouTube embed function
```

```

function getYoutubeEmbed($url) {

    if (preg_match('/v=([^&]+)/', $url, $match)) {
        return "https://www.youtube.com/embed/" . $match[1];
    }

    if (preg_match('/youtu\.be\/([^?&]+)/', $url, $match)) {
        return "https://www.youtube.com/embed/" . $match[1];
    }

    if (strpos($url, "embed") !== false) {
        return $url;
    }

    return "";
}
?>

<!DOCTYPE html>

<html>

<head>

    <title>My Lectures</title>

    <!-- Bootstrap -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">

```

```
</head>
```

```
<body class="bg-light">
```

```
<nav class="navbar navbar-light bg-white shadow-sm mb-4">
```

```
  <div class="container">
```

```
    <a href="logout.php" class="btn btn-outline-danger">
```

```
      Logout
```

```
    </a>
```

```
  </div>
```

```
</nav>
```

```
<div class="container mt-5">
```

```
  <h2 class="text-primary mb-4">📖 Course Lectures</h2>
```

```
  <div class="row">
```

```
    <?php while($lec = $q->fetch_assoc()){ ?>
```

```
      <div class="col-md-6 mb-4">
```

```
        <div class="card shadow">
```

```
<div class="card-body">
```

```
<h5 class="card-title">
```

```
<?php echo $lec['title']; ?>
```

```
</h5>
```

```
<!-- YouTube Video -->
```

```
<div class="ratio ratio-16x9 mb-3">
```

```
<iframe
```

```
src="<?php echo getYoutubeEmbed($lec['youtube_link']); ?>"
```

```
allowfullscreen>
```

```
</iframe>
```

```
</div>
```

```
<!-- oldPDF -
```

```
<a href=" ../uploads/<?php echo $lec['pdf_file']; ?>"
```

```
target="_blank"
```

```
class="btn btn-info btn-sm">
```

```
📄 Download PDF
```

```
</a>-->
```

```
<a href="view_pdf.php?file=<?php echo $lec['pdf_file']; ?>"
```

```
class="btn btn-info btn-sm">
```

```
📄 View PDF
```

```
</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<?php } ?>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

And create view_pdf.php file:-

```
<?php
```

```
include('../config.php');
```

```
if(!isset($_SESSION['student_id'])){
```

```
    header("Location: login.php");
```

```
    exit;
```

```
}
```

```
$file = $_GET['file'];
```

```
// basic security (prevent path attack)
```

```
$file = basename($file);
```

```
$path = "../uploads/" . $file;
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title>View PDF</title>
```

```
  <!-- Bootstrap -->
```

```
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">
```

```
</head>
```

```
<body class="bg-light">
```

```
<div class="container mt-4">
```

```
  <div class="card shadow">
```

```
    <div class="card-header bg-primary text-white">
```

```
      PDF Viewer
```

```
</div>
```

```
<div class="card-body">
```

```
  <!-- PDF Viewer -->
```

```
  <iframe src="<?php echo $path; ?>"
```

```
    width="100%"
```

```
    height="600px"
```

```
    style="border:none;">
```

```
</iframe>
```

```
</div>
```

```
<div class="card-footer">
```

```
  <a href="javascript:history.back()" class="btn btn-secondary">
```

```
     Back
```

```
</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```