Hotel Management System - Starter PHP Files

```php
<?php
// db_connect.php
$host = 'localhost';
$db   = 'hotel_db';
$user = 'root';
$pass = '';
$charset = 'utf8mb4';
$dsn = "mysql:host=$host;dbname=$db;charset=$charset";
$options = [
    PDO::ATTR_ERRMODE            => PDO::ERRMODE_EXCEPTION,
    PDO::ATTR_DEFAULT_FETCH_MODE => PDO::FETCH_ASSOC,
];
try {
    $pdo = new PDO($dsn, $user, $pass, $options);
} catch (PDOException $e) {
    die('Database connection failed: ' . $e->getMessage());
}
?>


<?php
// index.php
include 'db_connect.php';
$stmt = $pdo->query("SELECT * FROM rooms LIMIT 3");
?>
<!DOCTYPE html>
<html>
<head>
<title>Hotel Management System</title>
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css
</head>
<body>
<div class="container mt-5">
<h1 class="text-center mb-4">Welcome to Our Hotel</h1>
<div class="row">
<?php while ($room = $stmt->fetch()): ?>
<div class="col-md-4">
<div class="card mb-4 shadow-sm">
<img src="<?= $room['featured_image'] ?>" class="card-img-top" alt="<?= $room['room_name'] ?>">
<div class="card-body">
<h5 class="card-title"><?= $room['room_name'] ?></h5>
<p class="card-text">■<?= number_format($room['price_per_night']) ?> / night</p>
<a href="room.php?id=<?= $room['id'] ?>" class="btn btn-primary w-100">View Details</a>
</div>
</div>
</div>
<?php endwhile; ?>
</div>
</div>
</body>
</html>


<?php
// rooms.php
include 'db_connect.php';
$stmt = $pdo->query("SELECT * FROM rooms");
?>
<!DOCTYPE html>
<html>
<head><title>All Rooms</title>
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css
</head>
<body>
<div class="container mt-5">
<h2 class="text-center mb-4">Our Rooms</h2>
<div class="row">
<?php while ($room = $stmt->fetch()): ?>
<div class="col-md-4">
<div class="card mb-4 shadow-sm">
<img src="<?= $room['featured_image'] ?>" class="card-img-top" alt="<?= $room['room_name'] ?>">
<div class="card-body">
<h5 class="card-title"><?= $room['room_name'] ?></h5>
<p class="card-text">■<?= number_format($room['price_per_night']) ?> / night</p>
<a href="room.php?id=<?= $room['id'] ?>" class="btn btn-outline-primary w-100">View Details</a>
```

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      </div>
      </div>
      </div>
      <?php endwhile; ?>
      </div>
      </div>
      </body>
      </html>


      <?php
      // room.php
      include 'db_connect.php';
      $id = $_GET['id'] ?? 0;
      $stmt = $pdo->prepare("SELECT * FROM rooms WHERE id = ?");
      $stmt->execute([$id]);
      $room = $stmt->fetch();
      if (!$room) { die('Room not found'); }
      ?>
      <!DOCTYPE html>
      <html>
      <head><title><?= $room['room_name'] ?></title>
      <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css
      </head>
      <body>
      <div class="container mt-5">
      <h2><?= $room['room_name'] ?></h2>
      <img src="<?= $room['featured_image'] ?>" class="img-fluid rounded mb-3">
      <p><strong>■<?= number_format($room['price_per_night']) ?></strong> / night</p>
      <p><?= $room['description'] ?></p>
      <a href="book_room.php?id=<?= $room['id'] ?>" class="btn btn-success">Book Now</a>
      </div>
      </body>
      </html>


      <?php
      // admin/login.php
      include '../db_connect.php';
      session_start();
      if ($_SERVER['REQUEST_METHOD'] == 'POST') {
          $username = $_POST['username'] ?? '';
          $password = $_POST['password'] ?? '';
          $stmt = $pdo->prepare("SELECT * FROM admin WHERE username = ?");
          $stmt->execute([$username]);
          $admin = $stmt->fetch();
          if ($admin && password_verify($password, $admin['password'])) {
              $_SESSION['admin'] = $admin['username'];
              header("Location: dashboard.php");
              exit;
          } else {
              $error = "Invalid login credentials";
          }
      }
      ?>
      <!DOCTYPE html>
      <html>
      <head><title>Admin Login</title>
      <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css
      </head>
      <body>
      <div class="container mt-5" style="max-width:400px;">
      <h3 class="text-center mb-3">Admin Login</h3>
      <?php if (!empty($error)): ?><div class="alert alert-danger"><?= $error ?></div><?php endif; ?>
      <form method="POST">
      <div class="mb-3"><input type="text" name="username" class="form-control" placeholder="Username" req
      <div class="mb-3"><input type="password" name="password" class="form-control" placeholder="Password"
      <button type="submit" class="btn btn-primary w-100">Login</button>
      </form>
      </div>
      </body>
      </html>
```