**Step 1: Install Composer**

1. **Download Composer**
   * Visit https://getcomposer.org/download/
   * Click on **Composer-Setup.exe** and install it.
   * During installation, make sure to select **"Add Composer to system PATH"**.
2. **Restart Your PC** (to apply the PATH changes).

**Step 2: Verify Composer Installation**

* Open **Command Prompt (cmd)** and type:

|  |
| --- |
| * composer -V |

If installed correctly, it will show the version of Composer.

**Step 3: Install Dompdf**

* Navigate to your project folder:

|  |
| --- |
| * cd C:\xampp\htdocs\Rohit |

|  |
| --- |
| * composer require dompdf/dompdf |

* This will create a vendor folder with autoload.php.

**Step 4: Use Dompdf in download.php**

After installation, update download.php:

php

require 'vendor/autoload.php';

use Dompdf\Dompdf;

$dompdf = new Dompdf();

$dompdf->loadHtml('<h1>Hello, PDF!</h1>');

$dompdf->setPaper('A4', 'portrait');

$dompdf->render();

$dompdf->stream("visitor\_form.pdf");

After completing these steps, try running download.php?id=5 again. 🚀

**Next Steps:**

1. **Ensure Dompdf is installed**  
   Run this command in your project folder:

|  |
| --- |
| composer require dompdf/dompdf |

**Place download.php in your project root**  
Save this file in C:\xampp\htdocs\Rohit\download.php.

**Run the script**  
Open your browser and visit:

|  |
| --- |
| http://localhost/rohit/download.php |

**🔹 Fixes & Enhancements:**

1. **Ensure vendor/autoload.php Exists**
   * The error indicates that vendor/autoload.php is missing. Run:

|  |
| --- |
| composer install |

in C:\xampp\htdocs\Rohit\.

1. **Fix Undefined $conn Issue**
   * Ensure connection.php correctly initializes $conn.
2. **Set Proper Font Support in Dompdf**
   * Explicitly set isHtml5ParserEnabled for better rendering.

**Ensure vendor/autoload.php Exists**

* Go to C:\xampp\htdocs\Rohit\vendor\ and check if autoload.php is present.

|  |
| --- |
| composer dump-autoload |

Add-employee.php

|  |
| --- |
| <?php  session\_start();  include 'include/connection.php';  $name = $\_SESSION['name'];  $id = $\_SESSION['id'];  if (empty($id)) {  header("Location: index.php");  exit();  }  if (isset($\_POST['sbt-emp'])) {  $emp\_code = mysqli\_real\_escape\_string($conn, $\_POST['emp\_code']);  $emp\_name = mysqli\_real\_escape\_string($conn, $\_POST['emp\_name']);  $designation = mysqli\_real\_escape\_string($conn, $\_POST['designation']);  $division = mysqli\_real\_escape\_string($conn, $\_POST['division']);  $contact\_no = mysqli\_real\_escape\_string($conn, $\_POST['contact\_no']);  $email = mysqli\_real\_escape\_string($conn, $\_POST['email']);  $insert\_employee = mysqli\_query($conn, "INSERT INTO tbl\_employee (emp\_code, emp\_name, designation, division, contact\_no, email)  VALUES ('$emp\_code', '$emp\_name', '$designation', '$division', '$contact\_no', '$email')");  if ($insert\_employee) {  echo "<script>alert('Employee added successfully.'); window.location.href='view-employee.php';</script>";  } else {  echo "<script>alert('Error: Unable to add employee.');</script>";  }  }  ?>  <?php include('include/header.php'); ?>  <div id="wrapper">  <?php include('include/side-bar.php'); ?>  <div id="content-wrapper">  <div class="container-fluid">  <ol class="breadcrumb">  <li class="breadcrumb-item">  <a href="#">Add Employee</a>  </li>  </ol>  <div class="card mb-3">  <div class="card-header">  <i class="fa fa-user"></i> Employee Details  </div>  <form method="post" class="form-valide">  <div class="card-body">  <!-- Employee Code -->  <div class="form-group row">  <label class="col-lg-4 col-form-label">Employee Code <span class="text-danger">\*</span></label>  <div class="col-lg-6">  <input type="text" name="emp\_code" class="form-control" placeholder="Enter Employee Code" required>  </div>  </div>  <!-- Employee Name -->  <div class="form-group row">  <label class="col-lg-4 col-form-label">Employee Name <span class="text-danger">\*</span></label>  <div class="col-lg-6">  <input type="text" name="emp\_name" class="form-control" placeholder="Enter Employee Name" required>  </div>  </div>  <!-- Employee Designation -->  <div class="form-group row">  <label class="col-lg-4 col-form-label">Designation <span class="text-danger">\*</span></label>  <div class="col-lg-6">  <input type="text" name="designation" class="form-control" placeholder="Enter Employee Designation" required>  </div>  </div>  <!-- Employee Division -->  <div class="form-group row">  <label class="col-lg-4 col-form-label">Division <span class="text-danger">\*</span></label>  <div class="col-lg-6">  <select class="form-control" name="division" required>  <option value="">Select Division</option>  <?php  $dept\_query = mysqli\_query($conn, "SELECT department, hod FROM tbl\_department");  while ($row = mysqli\_fetch\_assoc($dept\_query)) {  echo "<option value='" . $row['hod'] . "'>" . $row['department'] . "</option>";  }  ?>  </select>  </div>  </div>  <!-- Contact No -->  <div class="form-group row">  <label class="col-lg-4 col-form-label">Contact No <span class="text-danger">\*</span></label>  <div class="col-lg-6">  <input type="text" name="contact\_no" class="form-control" placeholder="Enter Contact No" required>  </div>  </div>  <!-- Email -->  <div class="form-group row">  <label class="col-lg-4 col-form-label">Email <span class="text-danger">\*</span></label>  <div class="col-lg-6">  <input type="email" name="email" class="form-control" placeholder="Enter Email" required>  </div>  </div>  <!-- Submit Button -->  <div class="form-group row">  <div class="col-lg-8 ml-auto">  <button type="submit" name="sbt-emp" class="btn btn-primary">Submit</button>  </div>  </div>  </div>  </form>  </div>  </div>  </div>  </div>  <a class="scroll-to-top rounded" href="#page-top">  <i class="fas fa-angle-up"></i>  </a>  <?php include('include/footer.php'); ?> |

Database

|  |
| --- |
| -- Create the database  CREATE DATABASE vms\_db;  USE vms\_db;  -- Table to store department details  CREATE TABLE tbl\_department (  id INT AUTO\_INCREMENT PRIMARY KEY,  department VARCHAR(255) NOT NULL, -- Full department name  description VARCHAR(255) NOT NULL, -- Department description  hod VARCHAR(50) NOT NULL UNIQUE, -- HOD Code (Division Code)  status TINYINT(1) NOT NULL DEFAULT 1, -- 1 = Active, 0 = Inactive  created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP  );  -- Table to store employee details  CREATE TABLE tbl\_employee (  id INT AUTO\_INCREMENT PRIMARY KEY,  emp\_code VARCHAR(50) NOT NULL UNIQUE, -- Employee Code  emp\_name VARCHAR(255) NOT NULL, -- Employee Name  designation VARCHAR(255) NOT NULL, -- Employee Designation  division VARCHAR(50) NOT NULL, -- HOD Code (Division Code)  contact\_no VARCHAR(20) NOT NULL, -- Employee Contact Number  email VARCHAR(255) NOT NULL UNIQUE, -- Employee Email  created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,  FOREIGN KEY (division) REFERENCES tbl\_department(hod) -- Linking division to HOD Code  ); |

**Step 3: Add a UNIQUE Constraint to hod**

1. Find the **hod** column in the table structure.
2. Click on the **More** button (on the right side of the hod row).
3. Select **"Add Index"** and choose **Unique**.
4. Click **Save**.

View-emplyee.php

|  |
| --- |
| <?php  // Start session and include database connection  session\_start();  include 'include/connection.php';  // Check if user is logged in  if (!isset($\_SESSION['id'])) {      header("Location: index.php");      exit();  }  // Handle delete request  if ($\_SERVER["REQUEST\_METHOD"] == "POST" && isset($\_POST['delete'])) {      $id = $\_POST['delete\_id'];      // Delete employee from the database      $sql = "DELETE FROM tbl\_employee WHERE id = ?";      $stmt = mysqli\_prepare($conn, $sql);      if ($stmt) {          mysqli\_stmt\_bind\_param($stmt, "i", $id);          if (mysqli\_stmt\_execute($stmt)) {              echo "<script>alert('Employee deleted successfully'); window.location.href='view-employee.php';</script>";          } else {              echo "<script>alert('Error deleting employee'); window.location.href='view-employee.php';</script>";          }      }  }  // Fetch employees with department details  $sql = "SELECT e.id, e.emp\_code, e.emp\_name, e.designation, e.contact\_no, e.email, d.department          FROM tbl\_employee e          JOIN tbl\_department d ON e.division = d.hod";  $result = mysqli\_query($conn, $sql);  ?>  <?php include('include/header.php'); ?>  <div id="wrapper">      <?php include('include/side-bar.php'); ?>      <div id="content-wrapper">          <div class="container-fluid">              <ol class="breadcrumb">                  <li class="breadcrumb-item">                      <a href="#">View Employees</a>                  </li>              </ol>              <div class="card mb-3">                  <div class="card-header">                      <i class="fa fa-users"></i> Employee List                  </div>                  <div class="card-body">                      <table class="table table-bordered">                          <thead>                              <tr>                                  <th>ID</th>                                  <th>Employee Code</th>                                  <th>Name</th>                                  <th>Designation</th>                                  <th>Department</th>                                  <th>Contact</th>                                  <th>Email</th>                                  <th>Actions</th>                              </tr>                          </thead>                          <tbody>                              <?php                              if ($result->num\_rows > 0) {                                  while ($row = mysqli\_fetch\_assoc($result)) {                                      echo "<tr>                                              <td>{$row['id']}</td>                                              <td>{$row['emp\_code']}</td>                                              <td>{$row['emp\_name']}</td>                                              <td>{$row['designation']}</td>                                              <td>{$row['department']}</td>                                              <td>{$row['contact\_no']}</td>                                              <td>{$row['email']}</td>                                              <td>                                                  <a href='edit-employee.php?id={$row['id']}' class='btn btn-warning btn-sm'>Edit</a>                                                  <form method='POST' style='display:inline;'>                                                      <input type='hidden' name='delete\_id' value='{$row['id']}'>                                                      <button type='submit' name='delete' class='btn btn-danger btn-sm' onclick='return confirm(\"Are you sure you want to delete this employee?\");'>Delete</button>                                                  </form>                                              </td>                                            </tr>";                                  }                              } else {                                  echo "<tr><td colspan='8' class='text-center'>No employees found</td></tr>";                              }                              ?>                          </tbody>                      </table>                  </div>              </div>          </div>      </div>  </div>  <?php include('include/footer.php'); ?> |

Edit\_employee.php

|  |
| --- |
| <?php  session\_start();  include 'include/connection.php';  // Check if user is logged in  if (!isset($\_SESSION['id'])) {      header("Location: index.php");      exit();  }  // Fetch employee details if ID is provided  if (isset($\_GET['id'])) {      $id = $\_GET['id'];      $query = "SELECT \* FROM tbl\_employee WHERE id = '$id'";      $result = mysqli\_query($conn, $query);      $employee = mysqli\_fetch\_assoc($result);  }  // Handle form submission  if (isset($\_POST['update'])) {      $emp\_code = mysqli\_real\_escape\_string($conn, $\_POST['emp\_code']);      $emp\_name = mysqli\_real\_escape\_string($conn, $\_POST['emp\_name']);      $designation = mysqli\_real\_escape\_string($conn, $\_POST['designation']);      $division = mysqli\_real\_escape\_string($conn, $\_POST['division']);      $contact\_no = mysqli\_real\_escape\_string($conn, $\_POST['contact\_no']);      $email = mysqli\_real\_escape\_string($conn, $\_POST['email']);      $update\_query = "UPDATE tbl\_employee SET                       emp\_code='$emp\_code',                       emp\_name='$emp\_name',                       designation='$designation',                       division='$division',                       contact\_no='$contact\_no',                       email='$email'                       WHERE id='$id'";      if (mysqli\_query($conn, $update\_query)) {          echo "<script>alert('Employee updated successfully'); window.location.href='view-employee.php';</script>";      } else {          echo "<script>alert('Error updating employee');</script>";      }  }  ?>  <?php include('include/header.php'); ?>  <div id="wrapper">      <?php include('include/side-bar.php'); ?>      <div id="content-wrapper">          <div class="container-fluid">              <ol class="breadcrumb">                  <li class="breadcrumb-item">                      <a href="#">Edit Employee</a>                  </li>              </ol>              <div class="card mb-3">                  <div class="card-header">                      <i class="fa fa-user"></i> Update Employee Details                  </div>                  <div class="card-body">                      <form method="post">                          <div class="form-group">                              <label>Employee Code</label>                              <input type="text" name="emp\_code" value="<?php echo $employee['emp\_code']; ?>" required class="form-control">                          </div>                          <div class="form-group">                              <label>Employee Name</label>                              <input type="text" name="emp\_name" value="<?php echo $employee['emp\_name']; ?>" required class="form-control">                          </div>                          <div class="form-group">                              <label>Designation</label>                              <input type="text" name="designation" value="<?php echo $employee['designation']; ?>" required class="form-control">                          </div>                          <div class="form-group">                              <label>Department</label>                              <select class="form-control" name="division" required>                                  <option value="">Select Department</option>                                  <?php                                  $dept\_query = mysqli\_query($conn, "SELECT department, hod FROM tbl\_department");                                  while ($row = mysqli\_fetch\_assoc($dept\_query)) {                                      $selected = ($employee['division'] == $row['hod']) ? "selected" : "";                                      echo "<option value='" . $row['hod'] . "' $selected>" . $row['department'] . "</option>";                                  }                                  ?>                              </select>                          </div>                          <div class="form-group">                              <label>Contact No</label>                              <input type="text" name="contact\_no" value="<?php echo $employee['contact\_no']; ?>" required class="form-control">                          </div>                          <div class="form-group">                              <label>Email</label>                              <input type="email" name="email" value="<?php echo $employee['email']; ?>" required class="form-control">                          </div>                          <br>                          <button type="submit" name="update" class="btn btn-primary">Update Employee</button>                          <a href="view-employee.php" class="btn btn-secondary">Cancel</a>                      </form>                  </div>              </div>          </div>      </div>  </div>  <?php include('include/footer.php'); ?> |