The vendors page should allow vendors to view tasks assigned to them, update task statuses (e.g., marking tasks as "completed" or "in progress"), and potentially add comments or notes related to the task.

Here’s a breakdown of what the **vendors page** should typically include:

**1. View Assigned Tasks**

* Vendors should be able to see a list of tasks assigned to them. This will include the task name, task ID, client information, and the task's current status.
* The tasks should be filtered based on the specific vendor who is logged in.

**2. Update Task Status**

* Vendors should be able to update the status of a task. For instance, they can mark a task as "in progress" or "completed" once they have started or finished working on it.
* Once the status is updated, a notification should be sent to management (and possibly the client) about the task status change.

**3. Add Comments or Notes**

* Vendors might need to add comments or notes related to the task, especially if they encounter any issues or need clarification from management or the client.

**4. Receive Notifications**

* Vendors should receive notifications about tasks assigned to them or updates on tasks they are working on. This could be shown on the vendors' dashboard, listing recent updates or new tasks.

**Vendors Page Functionalities:**

1. **Fetch and Display Assigned Tasks**:
   * Display tasks that have been assigned to the logged-in vendor.
   * Include fields such as Task ID, Task Name, Client, Status, and Deadline.
2. **Update Task Status**:
   * Allow vendors to update the task status (e.g., "In Progress", "Completed").
   * Automatically notify management and/or clients when a task is updated.
3. **Task Filtering**:
   * Provide an option for vendors to filter tasks based on their status (e.g., show only "Pending" tasks).
4. **Task Details**:
   * Clicking on a task should display more detailed information, including the client’s contact info and any specific instructions.
5. <?php
6. require "connection.php";
7. $conn = mysqli\_connect($db\_server, $db\_user, $db\_pass, $db\_name);
8. if (!$conn) {
9. die("Connection failed: " . mysqli\_connect\_error());
10. }
11. // Handle vendor registration
12. if (isset($\_POST['submit\_vendor'])) {
13. $vendorName = mysqli\_real\_escape\_string($conn, $\_POST['vendorName']);
14. $ability = mysqli\_real\_escape\_string($conn, $\_POST['ability']);
15. // Insert vendor into vendors table
16. $insertVendor = "INSERT INTO vendors (vendorName, ability) VALUES ('$vendorName', '$ability')";
17. if (mysqli\_query($conn, $insertVendor)) {
18. echo "Vendor added successfully!";
19. } else {
20. echo "Error: " . mysqli\_error($conn);
21. }
22. }
23. // Fetch vendors for task assignment dropdown
24. $vendors = mysqli\_query($conn, "SELECT \* FROM vendors ORDER BY vendorName ASC");
25. ?>
26. <!DOCTYPE html>
27. <html>
28. <head>
29. <title>Vendor Management</title>
30. </head>
31. <body>
32. <!-- Vendor Registration Form -->
33. <h2>Register Vendor</h2>
34. <form action="vendors.php" method="POST">
35. <label for="vendorName">Vendor Name:</label>
36. <input type="text" name="vendorName" required><br>
37. <label for="ability">Ability (Skill for specific tasks):</label>
38. <input type="text" name="ability" required><br>
39. <button type="submit" name="submit\_vendor">Register Vendor</button>
40. </form>
41. <!-- Task Assignment Form -->
42. <h2>Assign Task to Vendor</h2>
43. <form action="vendors.php" method="POST">
44. <label for="taskName">Task Name:</label>
45. <input type="text" name="taskName" required><br>
46. <label for="vendorID">Select Vendor:</label>
47. <select name="vendorID" required>
48. <?php while ($vendor = mysqli\_fetch\_assoc($vendors)) { ?>
49. <option value="<?php echo $vendor['vendorID']; ?>">
50. <?php echo $vendor['vendorName']; ?> (Ability: <?php echo $vendor['ability']; ?>)
51. </option>
52. <?php } ?>
53. </select><br>
54. <button type="submit" name="submit\_task">Assign Task</button>
55. </form>
56. <?php
57. // Handle task assignment
58. if (isset($\_POST['submit\_task'])) {
59. $taskName = mysqli\_real\_escape\_string($conn, $\_POST['taskName']);
60. $vendorID = mysqli\_real\_escape\_string($conn, $\_POST['vendorID']);
61. // Insert task into tasks table
62. $assignTask = "INSERT INTO tasks (taskName, vendorID, status) VALUES ('$taskName', '$vendorID', 'assigned')";
63. if (mysqli\_query($conn, $assignTask)) {
64. $newTaskID = mysqli\_insert\_id($conn);
65. // Create notification
66. $notificationMessage = "Task '$taskName' has been assigned to Vendor ID $vendorID.";
67. $notificationSQL = "INSERT INTO notifications (message) VALUES ('$notificationMessage')";
68. mysqli\_query($conn, $notificationSQL);
69. echo "Task assigned and notification sent!";
70. } else {
71. echo "Error: " . mysqli\_error($conn);
72. }
73. }
74. ?>
75. <!-- Vendor Task and Notification Viewing -->
76. <h2>View Assigned Tasks</h2>
77. <form action="vendors.php" method="POST">
78. <label for="vendorID">Enter Vendor ID:</label>
79. <input type="text" name="vendorID" required><br>
80. <button type="submit" name="view\_tasks">View Tasks</button>
81. </form>
82. <?php
83. // Handle task and notification viewing for a vendor
84. if (isset($\_POST['view\_tasks'])) {
85. $vendorID = mysqli\_real\_escape\_string($conn, $\_POST['vendorID']);
86. // Fetch tasks assigned to the vendor
87. $tasks = mysqli\_query($conn, "SELECT \* FROM tasks WHERE vendorID = '$vendorID'");
88. if (mysqli\_num\_rows($tasks) > 0) {
89. echo "<h2>Assigned Tasks</h2><ul>";
90. while ($task = mysqli\_fetch\_assoc($tasks)) {
91. echo "<li>{$task['taskName']} - Status: {$task['status']}</li>";
92. }
93. echo "</ul>";
94. } else {
95. echo "No tasks found for this vendor.";
96. }
97. // Fetch recent notifications
98. $notifications = mysqli\_query($conn, "SELECT \* FROM notifications ORDER BY created\_at DESC LIMIT 5");
99. echo "<h2>Recent Notifications</h2><ul>";
100. while ($notification = mysqli\_fetch\_assoc($notifications)) {
101. echo "<li>{$notification['message']} - {$notification['created\_at']}</li>";
102. }
103. echo "</ul>";
104. }
105. $conn->close();
106. ?>
107. </body>
108. </html>