

## 1. Fill out the resource in below table

| process                       | HW system | Name of SW package,<br>language, OS command   |
|-------------------------------|-----------|---|
| Install web server            |           | Using XAMPP to start<br>APACHE server   |
| Install web application       |           | Using VSCode to make a web<br>app   |
| Install SQL DB server         |           | Using phpMyAdmin to<br>connect to MySQL DB server                                       |
| Develop client log in screen  |           | Using VSCode create:<br>index.php, login.php,<br>connection.php, test.php,<br>admin.php |
| Create SQL DB table           |           | Using phpMyAdmin GUI  |
| Create test data (ID, PW data |           | Using phpMyAdmin GUI  |
| Create test data (ID, PW data |           |   |

The logic code part, I handle as follows

- Read the value of the form:

```

<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<title>login</title>
<link rel="stylesheet" href="css/login.css">
</head>

<body>
  <div class="container">
    <div class="wrapper">
      <form action="" method="POST" autocomplete="off">
        <table class="table">
          <tr>
            <td colspan="2" class="text-center title-login">Đăng nhập admin</td>
          </tr>
          <tr>
            <td>Tên đăng nhập</td>
            <td><input type="text" class="form-control" name="username"></td>
          </tr>
          <tr>
            <td>Password</td>
            <td><input type="password" class="form-control" name="password"></td>
          </tr>
          <tr>
            <td colspan="2" class="sub-admin"><input type="submit" class="btn btn-primary btn-block" name="dangnhap" value="Đăng nhập"></td>
          </tr>
        </table>
      </form>
    </div>
  </div>

  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
</body>

</html>

```

- Log in handling:

```

<?php
session_start();
require ("config/config.php");
if(isset($_POST['dangnhap'])){
    $taikhoan=$_POST['username'];
    $matkhau=md5($_POST['password']);
    $sql="SELECT * FROM tbl_admin WHERE username='".$taikhoan.'" AND password='".$matkhau.'" LIMIT 1 ";
    $row= mysqli_query($mysqli,$sql);
    $count= mysqli_num_rows($row);
    //hàm đếm số dòng của hàm row
    if($count>0){
        $_SESSION['dangnhap']=$taikhoan;
        header('Location:index.php');
    }
    else{
        header('Location:login.php');
    }
}
}

```

- 1 Develop client log in screen (if necessary) => screen shot and explain in detail
- 2 Create SQL DB table (sharing with group table or not?) => screen shot and explain in detail

The application has 3 tables. Products tables stores price and image directory of products. Cart stores the amount of products that user added to the cart. Orders stores information of user during checkout

```

CREATE TABLE products(
    id int auto_increment primary key,
    name nvarchar(50) NOT NULL,
    price int NOT NULL,
    image varchar(30)
);

```

```

CREATE TABLE cart(
    id int auto_increment primary key,
    name nvarchar(50) NOT NULL,
    price int NOT NULL,
    image varchar(30),
    quantity int
);

```

```











• create table orders(
    id int auto_increment primary key,
    name nvarchar(50) NOT NULL,
    phone nvarchar(10),
    email nvarchar(50),
    method nvarchar(30),
    street nvarchar(30),
    ward nvarchar(30),
    district nvarchar(30),
    province nvarchar(30),
    pin_code nvarchar(6),
    total_products nvarchar(500),
    total_price int
);

```

| Table                             | Action                                      | Rows | Type   | Collation          | Size     | Overhead |
|-----------------------------------|---|------|--------|--------------------|----------|----------|
| <input type="checkbox"/> cart     | ★ Browse Structure Search Insert Empty Drop | 0    | InnoDB | utf8mb4_general_ci | 16.0 KiB | -        |
| <input type="checkbox"/> orders   | ★ Browse Structure Search Insert Empty Drop | 0    | InnoDB | utf8mb4_general_ci | 16.0 KiB | -        |
| <input type="checkbox"/> products | ★ Browse Structure Search Insert Empty Drop | 3    | InnoDB | utf8mb4_general_ci | 16.0 KiB | -        |
| 3 tables                          | Sum   | 3    | InnoDB | utf8mb4_general_ci | 48.0 KiB | 0 B      |

- 3 Create test data (ID, PW data, sharing with group table or not?) => screen shot and explain in detail

Here are some example data that I've inserted for product page

|  |  |  |  | id | name      | price | image        |
|---|--|--|--|----|-----------|-------|--------------|
| <input type="checkbox"/>  |  Edit |  Copy |  Delete | 1  | Choco Pie | 20000 | chocoPie.jpg |
| <input type="checkbox"/>  |  Edit |  Copy |  Delete | 2  | Cocacola  | 10000 | coca.jpg     |
| <input type="checkbox"/>  |  Edit |  Copy |  Delete | 3  | Pepsi     | 10000 | pepsi.jpg    |