

index.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8" />
    <title>My eCommerce Store</title>

    <!-- Latest compiled and minified CSS -->
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"
integrity="sha384-BVYiISiFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68
vbdEjh4u" crossorigin="anonymous">
    <!-- Optional theme -->
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap-theme.min.css"
integrity="sha384-rHyON1iRsVXV4nD0JutInGasICJuC7uwjduW9SVrLvRYooPp2bWYgmgJQl
Xwl/Sp" crossorigin="anonymous">

    <link rel="stylesheet" href="assets/css/style.css">
  </head>
  <body>
    <nav class="navbar navbar-default">
      <div class="container-fluid">
        <!-- Brand and toggle get grouped for better mobile display -->
        <div class="navbar-header">
          <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#bs-example-navbar-collapse-1" aria-expanded="false">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
          </button>
          <a class="navbar-brand" href="#">myCommerce</a>
        </div>

        <!-- Collect the nav links, forms, and other content for toggling -->
        <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
          <ul class="nav navbar-nav navbar-right">
            <li><a href="index.html">Home</a></li>
            <li><a href="products.html">Products</a></li>
          </ul>
        </div>
      </div>
    </nav>
  </body>
</html>
```

```

        <li class="dropdown">
            <a href="#" class="dropdown-toggle" data-toggle="dropdown"
role="button" aria-haspopup="true" aria-expanded="false">Dropdown <span
class="caret"></span></a>
            <ul class="dropdown-menu">
                <li><a href="#">Action</a></li>
                <li><a href="#">Another action</a></li>
                <li><a href="#">Something else here</a></li>
                <li role="separator" class="divider"></li>
                <li><a href="#">Separated link</a></li>
            </ul>
        </li>
    </ul>
</div><!-- /.navbar-collapse -->
</div><!-- /.container-fluid -->
</nav>
<div class="container">
<div class="row">
    <div class="col-md-offset-4 col-md-4 text-center">
        <h1>myCommerce</h1>
        <h2>Welcome to myCommerce!</h2>
        <p>We sell various items at this store!</p>
    </div>
</div>
</div>
<div class="container">
<div class="row">
    <div class="col-md-6 col-sm-12">
        
    </div>
    <div class="col-md-6 col-sm-12">
        <h3>Exotic Shorthair Cat</h3>
        <p>A breed of cat with a flat face and short fur.</p>
    </div>
</div>
</div>
<!-- Include jQuery library -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.0/jquery.min.js"></script>
<!-- Latest compiled and minified JavaScript -->

```

```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"
integrity="sha384-Tc5lQib027qvyjSMfHjOMaLkfuWVxZxUPnCJA7l2mCWNIpG9mGCD8wGNl
cPD7Txa" crossorigin="anonymous"></script>
</body>
</html>
```

assets/css/style.css

```
@import 'https://fonts.googleapis.com/css?family=Open+Sans|Roboto';

/* GENERAL STYLE */
* {
    margin: 0;
    padding: 0;
}

body {
    background-color: #ffffff;
    color: #212121;
    font-family: 'Open Sans', sans-serif;
}

h1,
h2,
h3,
h4 {
    font-family: 'Roboto', sans-serif;
}
```

login.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8" />
    <title>Login | My eCommerce Store</title>

    <!-- Latest compiled and minified CSS -->
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"
integrity="sha384-BVYiISiFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68
vbdEjh4u" crossorigin="anonymous">
    <!-- Optional theme -->
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href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap-theme.min.css"
integrity="sha384-rHyoN1iRsVXV4nD0JutInGaslCJuC7uwjduW9SVrLvRYooPp2bWYgmgJQI
Xwl/Sp" crossorigin="anonymous">

    <link rel="stylesheet" href="assets/css/style.css">
  </head>
  <body>
    <nav class="navbar navbar-default">
      <div class="container-fluid">
        <!-- Brand and toggle get grouped for better mobile display -->
        <div class="navbar-header">
          <button type="button" class="navbar-toggle collapsed" data-toggle="collapse"
data-target="#bs-example-navbar-collapse-1" aria-expanded="false">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
          </button>
          <a class="navbar-brand" href="#">myCommerce</a>
        </div>

        <!-- Collect the nav links, forms, and other content for toggling -->
        <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
          <ul class="nav navbar-nav navbar-right">
            <li><a href="index.html">Home</a></li>
            <li><a href="products.html">Products</a></li>
            <li class="dropdown">
              <a href="#" class="dropdown-toggle" data-toggle="dropdown"
role="button" aria-haspopup="true" aria-expanded="false">Dropdown <span
class="caret"></span></a>
```

```

        <ul class="dropdown-menu">
        <li><a href="#">Action</a></li>
        <li><a href="#">Another action</a></li>
        <li><a href="#">Something else here</a></li>
        <li role="separator" class="divider"></li>
        <li><a href="#">Separated link</a></li>
        </ul>
    </li>
</ul>
</div><!-- /.navbar-collapse -->
</div><!-- /.container-fluid -->
</nav>
<div class="container">
<div class="row">
    <div class="col-md-12">
        <form action="login.php" method="post">
            username: <input type="text" name="username" placeholder="Username">
            password: <input type="password" name="password"
placeholder="Password">
            <input type="submit" value="Login" class="btn btn-default">
        </form>
    </div>
</div>
</div>
<!-- Include jQuery library -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.1.0/jquery.min.js"></script>
<!-- Latest compiled and minified JavaScript -->
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"
integrity="sha384-Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUPnCJA7l2mCWNIpG9mGCD8wGNl
cPD7Txa" crossorigin="anonymous"></script>
</body>
</html>

```

login.php

```
<?php
session_start();

$username = htmlentities($_POST['username']);
$password = crypt($_POST['password'], CRYPT_BLOWFISH);

$db_host = getenv('DB_HOSTNAME');
$db_name = getenv('DB_NAME');
$db_user = getenv('DB_USER');
$db_pass = getenv('DB_PASS');

$dbh = new PDO('sqlsrv:server = ' . $db_host . '; Database = ' . $db_name, $db_user,
$db_pass);
$stmt = $dbh->prepare("SELECT * FROM `users` where `username` = ? AND
    `password` = ?");
$stmt->execute([$username, $password]);

if($stmt->rowCount()) {
    // Correct login credentials
    $_SESSION['user'] = $username;
    echo 'Logged in as ' . $username;
} else {
    // only users not logged in will do this
    echo 'Username ' . $username . ' is incorrect';
}
```

register.php

```
<?php
```

```

session_start();

$username = htmlentities($_POST['username']);
$password = crypt($_POST['password'], CRYPT_BLOWFISH);

$db_host = getenv('DB_HOSTNAME');
$db_name = getenv('DB_NAME');
$db_user = getenv('DB_USER');
$db_pass = getenv('DB_PASS');

$dbh = new PDO('sqlsrv:server = ' . $db_host . '; Database = ' . $db_name, $db_user,
$db_pass);
$stmt = $dbh->prepare("SELECT * FROM `users` where `username` = ?");
$stmt->execute([$username]);

if($stmt->rowCount()) {
    // Username already taken
    echo 'Username ' . $username . ' is taken.';
} else {
    // Username not taken
    // So we INSERT into database
    $stmt2 = $dbh->prepare("INSERT INTO `users` (username, password)
VALUES (?, ?)");
    $stmt2->execute([$username, $password]);
    echo 'User registered successfully!';
}

```

assets/js/app.js

```

$(document).ready(function(){
    $('form').submit(function(event){
        event.preventDefault();

        var form = $(this);
        var formData = form.serializeArray();

        formData.forEach(function(data) {
            if(data.name == 'username') {
                if(data.value.length < 3) {
                    alert('Username is too short');
                }
            }
        });

        var settings = {

```

```
'method': form.attr('method'),
'url': form.attr('action'),
'data': form.serialize(),
};

$.ajax(settings).done(function(msg){
alert(msg);
});
});
```

install.php

```
<?php
$secret = 'taylor-swift';

if($_GET['secret'] === $secret) {
    $db_host = getenv('DB_HOSTNAME');
    $db_name = getenv('DB_NAME');
    $db_user = getenv('DB_USER');
    $db_pass = getenv('DB_PASS');

    $dbh = new PDO('sqlsrv:server = ' . $db_host . '; Database = ' . $db_name, $db_user,
$db_pass);
    $sql = "CREATE TABLE users (
id int(10) unsigned NOT NULL AUTO_INCREMENT,
username varchar(64) NOT NULL,
password varchar(64) NOT NULL,
PRIMARY KEY (id)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;";
    $dbh->exec($sql);
}
```