**HTTP requests**

**Qwallity app -** [**https://qwallity.herokuapp.com/**](https://qwallity2.herokuapp.com/)

1. **Registration**
2. **Reques URL:** https://qwallity.herokuapp.com/register
3. **Request Method and analysis**: GET (**Status Code:** 200 OK)
4. **Remote Address:** 192.168.11.3:3128
5. **Response Headers:**
6. **Connection:** keep-alive
7. **Content-Length:** 3661
8. **Content-Type:** text/html; charset=utf-8
9. **Date:** Tue, 15 Feb 2022 06:10:25 GMT
10. **Server:** gunicorn
11. **Set-Cookie:** session=60154e60-3db7-410c-b71b-51797e8a0b5c; Expires=Tue, 15-Feb-2022 06:40:25 GMT; HttpOnly; Path=/
12. **Via:** 1.1 vegur

1. **Request Headers:**
2. **Accept:** text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,\*/\*;q=0.8,application/signed-exchange;v=b3;q=0.9
3. **Accept-Encoding:** gzip, deflate, br
4. **Accept-Language:** ru-RU,ru;q=0.9,en-US;q=0.8,en;q=0.7
5. **Connection:** keep-alive
6. **Cookie:** session=60154e60-3db7-410c-b71b-51797e8a0b5c
7. **Host:** qwallity.herokuapp.com
8. **Referer:** https://qwallity.herokuapp.com/register
9. **sec-ch-ua:** " Not A;Brand";v="99", "Chromium";v="98", "Google Chrome";v="98"
10. **sec-ch-ua-mobile:** ?0
11. **sec-ch-ua-platform:** "Windows"
12. **Sec-Fetch-Dest:** document
13. **Sec-Fetch-Mode:** navigate
14. **Sec-Fetch-Site:** same-origin
15. **Sec-Fetch-User:** ?1
16. **Upgrade-Insecure-Requests:** 1
17. **User-Agent:** Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/98.0.4758.82 Safari/537.36
18. **Request-Response:**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

<title>QWALLITY Workspace</title>

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootswatch/4.5.2/superhero/bootstrap.min.css">

<link rel= "stylesheet" type= "text/css" href= "/static/styles/style.css">

<link rel="shortcut icon" href="/static/favicon.ico">

</head>

<body onload="getUserLocation()">

<head>

<link rel= "stylesheet" type= "text/css" href= "/static/styles/style.css">

</head>

<div class="d-flex flex-column flex-md-row align-items-center p-3 px-md-4 mb-3 bg-white border-bottom box-shadow">

<style>

.hide {

display: none;

}

.myDIV:hover + .hide {

display: block;

color: rgb(50, 63, 122);

}

</style>

<h5 class="my-0 mr-md-auto font-weight-normal"><img src="/static/logo.jpg" width="120" height="100" style="vertical-align:top"></h5>

<nav class="my-2 my-md-0 mr-md-3">

<a class="p-2 text-dark" href="/">Home</a>

<a class="p-2 text-dark" href="about">About us</a>

<a class="p-2 text-dark" href="/courses">Courses</a>

<a class="btn btn-primary" href="/exercises">Exercises</a>

</nav>

<a class="btn btn-outline-primary" href="/register" style="width:10%">Register</a>

&nbsp

<a class="btn btn-outline-primary" href="/login" style="width:10%">Login</a>

<div class="content\_img">

<img src='/static/w.png' width='100%' height='100%'>

<div id=weather></div>

</div>

</div>

<div class="container", style="width: 50%">

<script>

function close\_flash\_message(){

document.all.alertmessage.style.display='none';

return false;

}

</script>

<h1><small>Register</small></h1>

<form method="POST" action="">

<div class="form-group">

<label for="name">Name</label>

<input class="form-control" id="name" name="name" type="text" value="">

</div>

<div class="form-group">

<label for="email">Email</label>

<input class="form-control" id="email" name="email" type="text" value="">

</div>

<div class="form-group">

<label for="username">Username</label>

<input class="form-control" id="username" name="username" type="text" value="">

</div>

<div class="form-group">

<label for="password">Password</label>

<input class="form-control" id="password" name="password" required type="password" value="">

</div>

<div class="form-group">

<label for="confirm">Confirm Password</label>

<input class="form-control" id="confirm" name="confirm" type="password" value="">

</div>

<p><input type="submit" class="btn btn-primary" value="Submit"></p>

</form>

</div>

<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.0/jquery.min.js" integrity="sha512-894YE6QWD5I59HgZOGReFYm4dnWc1Qt5NtvYSaNcOP+u1T9qYdvdihz0PPSiiqn/+/3e7Jo4EaG7TubfWGUrMQ==" crossorigin="anonymous"></script>

<!-- <script src="js/jquery-1.11.0.min.js"></script> -->

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anonymous"></script>

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

<script src="//cdn.ckeditor.com/4.6.2/basic/ckeditor.js"></script>

<script src="/static/my.js"></script>

<script type="text/javascript">

CKEDITOR.replace('editor')

</script>

</body>

</html>

1. **Login**
2. **Reques URL:** <https://qwallity.herokuapp.com/login>
3. **Request Method and analysis**: GET (**Status Code:** 200 OK)
4. **Remote Address:** 192.168.11.3:3128
5. **Response Headers:**
6. **Connection:** keep-alive
7. **Content-Length:** 3993
8. **Content-Type:** text/html; charset=utf-8
9. **Date:** Tue, 15 Feb 2022 06:22:27 GMT
10. **Server:** gunicorn
11. **Set-Cookie:** session=60154e60-3db7-410c-b71b-51797e8a0b5c; Expires=Tue, 15-Feb-2022 06:52:27 GMT; HttpOnly; Path=/
12. **Via:** 1.1 vegur
13. **Request Headers:**
14. **Accept:** text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,\*/\*;q=0.8,application/signed-exchange;v=b3;q=0.9
15. **Accept-Encoding:** gzip, deflate, br
16. **Accept-Language:** ru-RU,ru;q=0.9,en-US;q=0.8,en;q=0.7
17. **Connection:** keep-alive
18. **Cookie:** session=60154e60-3db7-410c-b71b-51797e8a0b5c
19. **Host:** qwallity.herokuapp.com
20. **Referer:** https://qwallity.herokuapp.com/register
21. **sec-ch-ua:** " Not A;Brand";v="99", "Chromium";v="98", "Google Chrome";v="98"
22. **sec-ch-ua-mobile:** ?0
23. **sec-ch-ua-platform:** "Windows"
24. **Sec-Fetch-Dest:** document
25. **Sec-Fetch-Mode:** navigate
26. **Sec-Fetch-Site:** same-origin
27. **Sec-Fetch-User:** ?1
28. **Upgrade-Insecure-Requests:** 1
29. **User-Agent:** Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/98.0.4758.82 Safari/537.36
30. **Request-Response:**

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<html>

<head>

<meta charset="utf-8">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

<title>QWALLITY Workspace</title>

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootswatch/4.5.2/superhero/bootstrap.min.css">

<link rel= "stylesheet" type= "text/css" href= "/static/styles/style.css">

<link rel="shortcut icon" href="/static/favicon.ico">

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<body onload="getUserLocation()">

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</head>

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.myDIV:hover + .hide {

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color: rgb(50, 63, 122);

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</style>

<h5 class="my-0 mr-md-auto font-weight-normal"><img src="/static/logo.jpg" width="120" height="100" style="vertical-align:top"></h5>

<nav class="my-2 my-md-0 mr-md-3">

<a class="p-2 text-dark" href="/">Home</a>

<a class="p-2 text-dark" href="about">About us</a>

<a class="p-2 text-dark" href="/courses">Courses</a>

<a class="btn btn-primary" href="/exercises">Exercises</a>

</nav>

<a class="btn btn-outline-primary" href="/register" style="width:10%">Register</a>

&nbsp

<a class="btn btn-outline-primary" href="/login" style="width:10%">Login</a>

<div class="content\_img">

<img src='/static/w.png' width='100%' height='100%'>

<div id=weather></div>

</div>

</div>

<div class="container", style="width: 50%">

<script>

function close\_flash\_message(){

document.all.alertmessage.style.display='none';

return false;

}

</script>

<h1><small>Login</small></h1>

<form action="" method="POST" >

<div class="container">

<div class="row">

<div class="col-md-8 col-md-offset-2">

<div class="panel panel-default">

<div class="panel-body">

<form class="form-horizontal" method="" action="">

<div class="form-group">

<label>Username</label>

<input type="text" class="form-control" name="username" style="width:334px; height:35px" value=>

</div>

<label>Password</label>

<div class="form-group">

<!-- <i toggle="#password-field" class="fa fa-fw fa-eye field-icon toggle-password"></i>>

<input id="password-field" type="password" class="form-control" name="password" value=> -->

<input id="password-field" type="password" name="password" style="width:334px; height:35px" value=>

<i toggle="#password-field" class="fa fa-fw fa-eye field-icon toggle-password"></i>

</div>

<button type ="submit" class ="btn btn-primary">Log in</button>

<br>

<a href="/sendmail" >Forgot Password</a>

</form>

</div>

</div>

</div>

</div>

</div>

</div>

<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.0/jquery.min.js" integrity="sha512-894YE6QWD5I59HgZOGReFYm4dnWc1Qt5NtvYSaNcOP+u1T9qYdvdihz0PPSiiqn/+/3e7Jo4EaG7TubfWGUrMQ==" crossorigin="anonymous"></script>

<!-- <script src="js/jquery-1.11.0.min.js"></script> -->

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anonymous"></script>

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

<script src="//cdn.ckeditor.com/4.6.2/basic/ckeditor.js"></script>

<script src="/static/my.js"></script>

<script type="text/javascript">

CKEDITOR.replace('editor')

</script>

</body>

</html>

1. **Add Course**
2. **Reques URL:** <https://qwallity.herokuapp.com/add_course>
3. **Request Method and analysis**: GET (**Status Code:** 200 OK)
4. **Remote Address:** 192.168.11.3:3128
5. **Response Headers:**
6. **Connection:** keep-alive
7. **Content-Length:** 3530
8. **Content-Type:** text/html; charset=utf-8
9. **Date:** Tue, 15 Feb 2022 06:27:55 GMT
10. **Server:** gunicorn
11. **Set-Cookie:** session=60154e60-3db7-410c-b71b-51797e8a0b5c; Expires=Tue, 15-Feb-2022 06:57:55 GMT; HttpOnly; Path=/
12. **Via:** 1.1 vegur
13. **Request Headers:**
14. **Accept:** text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,\*/\*;q=0.8,application/signed-exchange;v=b3;q=0.9
15. **Accept-Encoding:** gzip, deflate, br
16. **Accept-Language:** ru-RU,ru;q=0.9,en-US;q=0.8,en;q=0.7
17. **Connection:** keep-alive
18. **Cookie:** session=60154e60-3db7-410c-b71b-51797e8a0b5c
19. **Host:** qwallity.herokuapp.com
20. **Referer:** https://qwallity.herokuapp.com/
21. **sec-ch-ua:** " Not A;Brand";v="99", "Chromium";v="98", "Google Chrome";v="98"
22. **sec-ch-ua-mobile:** ?0
23. **sec-ch-ua-platform:** "Windows"
24. **Sec-Fetch-Dest:** document
25. **Sec-Fetch-Mode:** navigate
26. **Sec-Fetch-Site:** same-origin
27. **Sec-Fetch-User:** ?1
28. **Upgrade-Insecure-Requests:** 1
29. **User-Agent:** Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/98.0.4758.82 Safari/537.36

1. **Request-Response:**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

<title>QWALLITY Workspace</title>

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootswatch/4.5.2/superhero/bootstrap.min.css">

<link rel= "stylesheet" type= "text/css" href= "/static/styles/style.css">

<link rel="shortcut icon" href="/static/favicon.ico">

</head>

<body onload="getUserLocation()">

<head>

<link rel= "stylesheet" type= "text/css" href= "/static/styles/style.css">

</head>

<div class="d-flex flex-column flex-md-row align-items-center p-3 px-md-4 mb-3 bg-white border-bottom box-shadow">

<style>

.hide {

display: none;

}

.myDIV:hover + .hide {

display: block;

color: rgb(50, 63, 122);

}

</style>

<h5 class="my-0 mr-md-auto font-weight-normal"><img src="/static/logo.jpg" width="120" height="100" style="vertical-align:top"></h5>

<nav class="my-2 my-md-0 mr-md-3">

<a class="p-2 text-dark" href="/">Home</a>

<a class="p-2 text-dark" href="about">About us</a>

<a class="p-2 text-dark" href="/courses">Courses</a>

<a class="btn btn-primary" href="/exercises">Exercises</a>

</nav>

<a class="btn btn-outline-primary" href="/mycourses">MyCourses</a>

<a class="btn btn-outline-primary" href="/profile">nellikrtyan</a>

<a class="btn btn-outline-primary" href="/logout">Logout</a>

&nbsp

&nbsp

&nbsp

<div class="content\_img">

<img src='/static/w.png' width='100%' height='100%'>

<div id=weather></div>

</div>

</div>

<div class="container", style="width: 50%">

<script>

function close\_flash\_message(){

document.all.alertmessage.style.display='none';

return false;

}

</script>

<h1>Add Course</h1>

<form method="POST" action="">

<div class="form-group" >

<label for="title">Title</label>

<input class="form-control" id="title" name="title" type="text" value="">

</div>

<div class="form-group" >

<label for="price">Price</label>

<input class="form-control" id="price" name="price" type="text" value="">

</div>

<label>Type</label>

<select class="form-control" id="coursetype" name="type">

<option value="2">Advanced</option>

<option value="1">Fundamental</option>

</select>

<br>

<div class="form-group" >

<label for="body">Description</label>

<textarea class="form-control" id="editor" name="body" type="text">

</textarea>

</div>

<p><input class="btn btn-primary" type="submit" value="Submit">

</form>

</div>

<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.0/jquery.min.js" integrity="sha512-894YE6QWD5I59HgZOGReFYm4dnWc1Qt5NtvYSaNcOP+u1T9qYdvdihz0PPSiiqn/+/3e7Jo4EaG7TubfWGUrMQ==" crossorigin="anonymous"></script>

<!-- <script src="js/jquery-1.11.0.min.js"></script> -->

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anonymous"></script>

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

<script src="//cdn.ckeditor.com/4.6.2/basic/ckeditor.js"></script>

<script src="/static/my.js"></script>

<script type="text/javascript">

CKEDITOR.replace('editor')

</script>

</body>

</html>

1. **Delete Course**
2. **Request URL:** https://qwallity.herokuapp.com/course/15305/delete
3. **Request Method and analysis** :GET (**Status Code:** 302 FOUND)
4. **Remote Address:** 192.168.11.3:3128
5. **Response Headers:**
6. **Connection:** keep-alive
7. **Content-Length:** 223
8. **Content-Type:** text/html; charset=utf-8
9. **Date:** Tue, 15 Feb 2022 06:35:03 GMT
10. **Location:** https://qwallity.herokuapp.com/courses
11. **Server:** gunicorn
12. **Set-Cookie:** session=60154e60-3db7-410c-b71b-51797e8a0b5c; Expires=Tue, 15-Feb-2022 07:05:03 GMT; HttpOnly; Path=/
13. **Via:** 1.1 vegur

1. **Request Headers:**
2. **Accept:** text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,\*/\*;q=0.8,application/signed-exchange;v=b3;q=0.9
3. **Accept-Encoding:** gzip, deflate, br
4. **Accept-Language:** ru-RU,ru;q=0.9,en-US;q=0.8,en;q=0.7
5. **Connection:** keep-alive
6. **Cookie:** session=60154e60-3db7-410c-b71b-51797e8a0b5c
7. **Host:** qwallity.herokuapp.com
8. **Referer:** https://qwallity.herokuapp.com/courses/course/15305
9. **sec-ch-ua:** " Not A;Brand";v="99", "Chromium";v="98", "Google Chrome";v="98"
10. **sec-ch-ua-mobile:** ?0
11. **sec-ch-ua-platform:** "Windows"
12. **Sec-Fetch-Dest:** document
13. **Sec-Fetch-Mode:** navigate
14. **Sec-Fetch-Site:** same-origin
15. **Sec-Fetch-User:** ?1
16. **Upgrade-Insecure-Requests:** 1
17. **User-Agent:** Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/98.0.4758.82 Safari/537.36
18. **Request-Response:** Failed to load response data: No content available because this request was redirected.
19. **Weather**
20. **Request URL:** https://api.openweathermap.org/data/2.5/weather?lat=40.2030592&lon=44.5054976&appid=3d22940be1eb70fcfe47f0fc0de9a7fa
21. **Request Method and analysis:** GET (**Status Code:** 200 OK
22. **Remote Address:** 192.168.11.3:3128
23. **Response Headers:**
24. **Access-Control-Allow-Credentials:** true
25. **Access-Control-Allow-Methods:** GET, POST
26. **Access-Control-Allow-Origin:** \*
27. **Connection:** keep-alive
28. **Content-Length:** 474
29. **Content-Type:** application/json; charset=utf-8
30. **Date:** Tue, 15 Feb 2022 06:40:31 GMT
31. **Server:** openresty
32. **X-Cache-Key:** /data/2.5/weather?lat=40.2&lon=44.51
33. **Request Headers:**
34. **Accept:** \*/\*
35. **Accept-Encoding:** gzip, deflate, br
36. **Accept-Language:** ru-RU,ru;q=0.9,en-US;q=0.8,en;q=0.7
37. **Connection:** keep-alive
38. **Host:** api.openweathermap.org
39. **Origin:** https://qwallity.herokuapp.com
40. **Referer:** https://qwallity.herokuapp.com/
41. **sec-ch-ua:** " Not A;Brand";v="99", "Chromium";v="98", "Google Chrome";v="98"
42. **sec-ch-ua-mobile:** ?0
43. **sec-ch-ua-platform:** "Windows"
44. **Sec-Fetch-Dest:** empty
45. **Sec-Fetch-Mode:** cors
46. **Sec-Fetch-Site:** cross-site
47. **User-Agent:** Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/98.0.4758.82 Safari/537.36
48. **Request-Response:** {"coord":{"lon":44.5055,"lat":40.2031},"weather":[{"id":803,"main":"Clouds","description":"broken clouds","icon":"04d"}],"base":"stations","main":{"temp":274.28,"feels\_like":272.62,"temp\_min":274.28,"temp\_max":274.87,"pressure":1022,"humidity":60},"visibility":10000,"wind":{"speed":1.54,"deg":130},"clouds":{"all":75},"dt":1644906898,"sys":{"type":1,"id":8851,"country":"AM","sunrise":1644897346,"sunset":1644935804},"timezone":14400,"id":616052,"name":"Yerevan","cod":200}