

## Лабораторна 12

Прунька Романа ||| ІПЗ-32



Flask microframework for web applications. It is a micro web framework written in Python. It is classified as a microframework because it does not require particular tools or libraries.

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```
test_functional.py x test_models.py x about.html x home.html x page1.html x page2.html x page3.html x
22
23 class PortfolioViewsTests(BaseTestCase):
24     def test_home_page_loads(self):
25         """
26         GIVEN url to home page
27         WHEN the '/home' page is requested (GET)
28         THEN check that status code is 200 and response data contains 'Flask microframework for web applications'
29         """
30
31         with self.client:
32             response = self.client.get(url_for('portfolio.home'))
33             self.assertEqual(response.status_code, 200)
34             self.assertIn('Flask microframework for web applications', response.data.decode('utf-8'))
35
36     def test_about_page_loads(self):
37         """
38         GIVEN url to about page
39         WHEN the '/about' page is requested (GET)
40         THEN check that status code is 200 and response data contains 'Hello, this is my biography.'
41         """
42
43         with self.client:
44             response = self.client.get(url_for('portfolio.about'))
45             self.assertEqual(response.status_code, 200)
46             self.assertIn(b'Hello, this is my biography.', response.data)
47
48     def test_page1_loads(self):
49         """
50         GIVEN url to page1
51         WHEN the '/page1' page is requested (GET)
52         THEN check that status code is 200 and response data contains 'Сторінка 1'
53         """
54
55         with self.client:
56             response = self.client.get(url_for('portfolio.page1'))
57             self.assertEqual(response.status_code, 200)
58             self.assertIn(b'Page 1', response.data)
59
60     def test_page2_loads(self):
61         """
62         GIVEN url to page2
63         WHEN the '/page2' page is requested (GET)
64         THEN check that status code is 200 and response data contains 'Сторінка 2'
65         """
66
67         with self.client:
68             response = self.client.get(url_for('portfolio.page2'))
69             self.assertEqual(response.status_code, 200)
70             self.assertIn(b'Page 2', response.data)
71
```

```
Terminal: Local x + v
127.0.0.1 - - [11/Jan/2024 20:50:57] "POST /login HTTP/1.1" 200 -
127.0.0.1 - - [11/Jan/2024 20:50:57] "GET /static/css/bootstrap.min.css HTTP/1.1" 304 -
127.0.0.1 - - [11/Jan/2024 20:50:57] "GET /static/js/script.js HTTP/1.1" 404 -
127.0.0.1 - - [11/Jan/2024 20:51:04] "GET /static/css/styles.css HTTP/1.1" 304 -
(myvenv) PS D:\labs_python\lab12> python -m unittest
.....
-----
Ran 18 tests in 3.199s

OK
(myvenv) PS D:\labs_python\lab12> 
```

## Вітання!

Account Updated ✕

last seen 11-01-2024 20:43:21



**prunko**  
prunko@gmail.com  
Лабораторна12

### Account info

Username

prunko

Email

prunko@gmail.com

About Me

Лабораторна12

Update Profile Picture

Вибрати файл

Файл не вибрано

Update

## Вітання!

You are logged out



## Login

Email

prunko@gmail.com

Password

\*\*\*\*\*

☐ Remember me

Log in

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## Вітання!

Login Successful to home



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## Account info

Username

- Field must be between 4 and 10 characters long.

Email

- Email already registered

About Me

Update Profile Picture

Вибрати файл

Файл не вибрано

Update

## Вітання!

### Login

Email

- Please enter your email address

Password

- Field must be between 4 and 10 characters long.

☐ Remember me

Log in