

Akademija tehničko-umetničkih strukovnih studija Beograd

Odsek Visoka škola za informacione i komunikacione tehnologije



Dokumentacija sajta <http://forge.epizy.com/>

Projekat: <https://github.com/npivalica/forge>

Predmet: Web programiranje PHP1

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Smer: Internet tehnologije

Modul: Web programiranje

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Uvod

Tema sajta „forge“ je prikaz svih servisa i informacija koje jedna banka pruža i Content Management System kojim se taj sadržaj dostavlja.

Korišćeni programski jezici

Prilikom izrade sajta korišćeni su PHP, HTML i CSS u okruženju Visual Studio Code.

Opis funkcionalnosti

Funkcionalnosti sajta su da se i za public i za staff deo sajta subjects i pages isčitavaju dinamički iz baze podataka.

Staff delu se pristupa samo ako ste admin koji ima pravo da dodaje, menja i briše subjects, pages i druge staff korisnike. Obezbeđena je potpuna CRUD funkcionalnost.

Pri dodavanju ili menjanju pages omogućen je zaštićeni preview stranice, ukoliko još uvek nije spremna da se stvori na public deo i bude vidljiva.

Template

Public



index.php

```

<?php include(SHARED_PATH . '/public_header.php'); ?>

<div id="main">
    <?php include(SHARED_PATH . '/public_navigation.php'); ?>

    <div id="page">
        <?php

            if (isset($page)) {
                # show page from database
                echo $page['content'];
            } else {
                //static homepage which will be overrun with dynamic content
                include(SHARED_PATH . '/static_homepage.php');      }

        ?>

    </div>

</div>

<?php include(SHARED_PATH . '/public_footer.php'); ?>

```

public_header.php

```

<!doctype html>

<html lang="en">

<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="description" content="This is home page for forge bank
where you can read all about our services and latest news." />
    <meta name="keywords" content="bank, forge, loan, mortgage, home" />
    <meta name="robots" content="noindex,follow" />
    <meta name="language" content="english">
    <title>forge
    <?php
        if (isset($page_title)) {
            echo '- ' . htmlspecialchars($page_title);
        }
    </?php>

```

```

        if (isset($preview) && $preview) {
            echo ' [PREVIEW]';
        }
    ?>
</title>
<link rel="stylesheet" media="all" href="<?php echo
url_for('/stylesheets/public.css'); ?>" />
<link rel="shortcut icon" href="<?php echo url_for('favicon.ico'); ?>"
/>

</head>

<body>

    <header>
        <h1>
            <a href="<?php echo url_for('/index.php'); ?>">
                
            </a>
        </h1>
    </header>

```

public_navigation.php

```

<?php
$subject_id = $subject_id ?? '';
$page_id = $page_id ?? '';
$visible = $visible ?? true;
?>
<navigation>
    <?php $nav_subjects = find_all_subjects(['visible' => $visible]); ?>
    <ul class="subjects">

        <?php foreach ($nav_subjects as $nav_subject) { ?>

            <li class="<?php if ($nav_subject['id'] == $subject_id) {
                echo 'selected';
            } ?>">

                <a href="<?php echo url_for('index.php'); ?>">
                    <?php echo htmlspecialchars($nav_subject['menu_name']); ?>
                </a>

                <?php $nav_pages = find_pages_by_subject_id($nav_subject['id'],
['visible' => $visible]); ?>

```

```

        <ul class="pages">

            <?php foreach ($nav_pages as $nav_page) { ?>
                <li class="<?php if ($nav_page['id'] == $page_id) {
                    echo 'selected';
                } ?>">
                    <a href="<?php echo url_for('index.php?id=' .
htmlspecialchars(urlencode($nav_page['id']))); ?>">
                        <?php echo htmlspecialchars($nav_page['menu_name']); ?>
                    </a>
                </li>
            <?php } //end of the loop for pages
            ?>

        </ul>

    </li>

    <?php } //end of the loop for subjects
    ?>
    <li><a href="<?php echo url_for('/staff/index.php'); ?>"
target="_blank">Staff Area</a></li>

</ul>

</navigation>

```

public_footer.php

```

<footer>
    <p>Copyright <?php echo date('Y'); ?>, forge </p>
    <p><a href="<?php echo url_for('/dokumentacija.pdf'); ?>"
target="_blank">Documentation</a></p>
    <p>This is a fictitious company created by <a href="<?php echo
url_for('/author.php'); ?>">Nikolina Pivalica 9/17</a>, solely for the
purposes of Web Programming PHP1 course.</p>
</footer>

</body>

</html>

```

Staff

forge Staff Area

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index.php

```
<?php require_once('../../private/initialize.php'); ?>
<?php require_login(); ?>

<?php $page_title = 'Staff Menu'; ?>
<?php include(SHARED_PATH . '/staff_header.php'); ?>

<div id="content">
    <div id="main-menu">
        <h2>Main Menu</h2>
        <ul>
            <li>
                <a href="<?php echo
url_for('/staff/subjects/index.php'); ?>">Subjects</a>
            </li>
            <li>
                <a href="<?php echo url_for('/staff/pages/index.php');
?>">Pages</a>
            </li>
            <li>
                <a href="<?php echo url_for('/staff/admins/index.php');
?>">Admins</a>
            </li>
        </ul>
    </div>
</div>
```

```
<?php include(SHARED_PATH . '/staff_footer.php'); ?>
```

staff_header.php

```
<?php
if (!isset($page_title)) {
    $page_title = 'Staff Area';
}
?>

<!doctype html>

<html lang="en">

<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no" />
    <meta name="description" content="This is forge staff area." />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="robots" content="noindex, follow" />
    <meta name="language" content="english">
    <meta name="keywords" content="cms, staff, subjects, pages, bank,
forge" />
    <title>forge - <?php echo htmlspecialchars($page_title); ?></title>
    <link rel="stylesheet" media="all" href="<?php echo
url_for('/stylesheets/staff.css'); ?>" />
    <link rel="shortcut icon" href="<?php echo url_for('favicon.ico'); ?>"
/>
</head>

<body>
    <header>
        <h1>forge Staff Area</h1>
    </header>

    <navigation>
        <ul>
            <li>User: <?php echo $_SESSION['username'] ?? ''; ?></li>
            <li><a href="<?php echo url_for('/staff/index.php');
?>">Menu</a></li>
            <li><a href="<?php echo url_for('/staff/logout.php'); ?>">Log
out</a></li>
```



```

    </ul>
</navigation>
<?php echo display_session_message(); ?>

```

staff_footer.php

```

<footer>
    &copy; <?php echo date('Y') ?> forge
</footer>
</body>

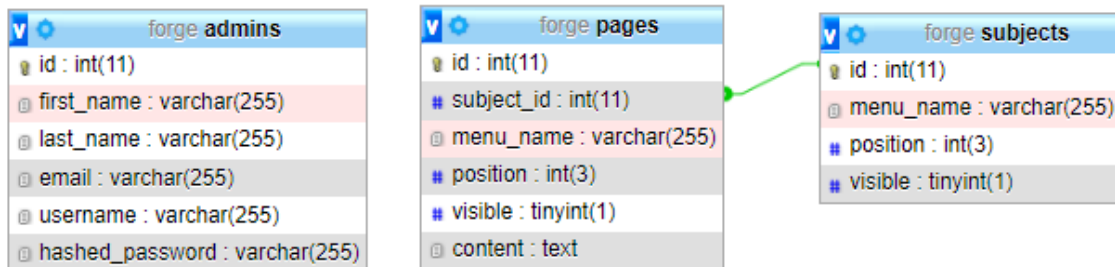
</html>

```

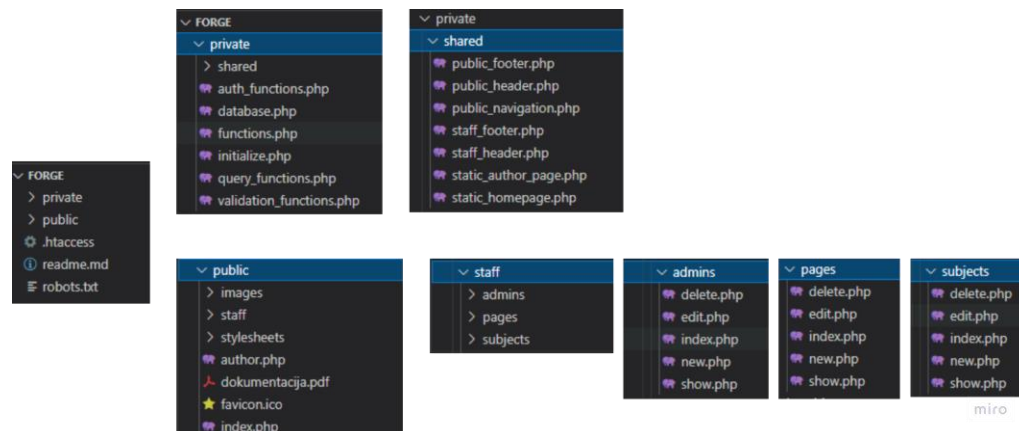
Organizacija

Organizaciona šema

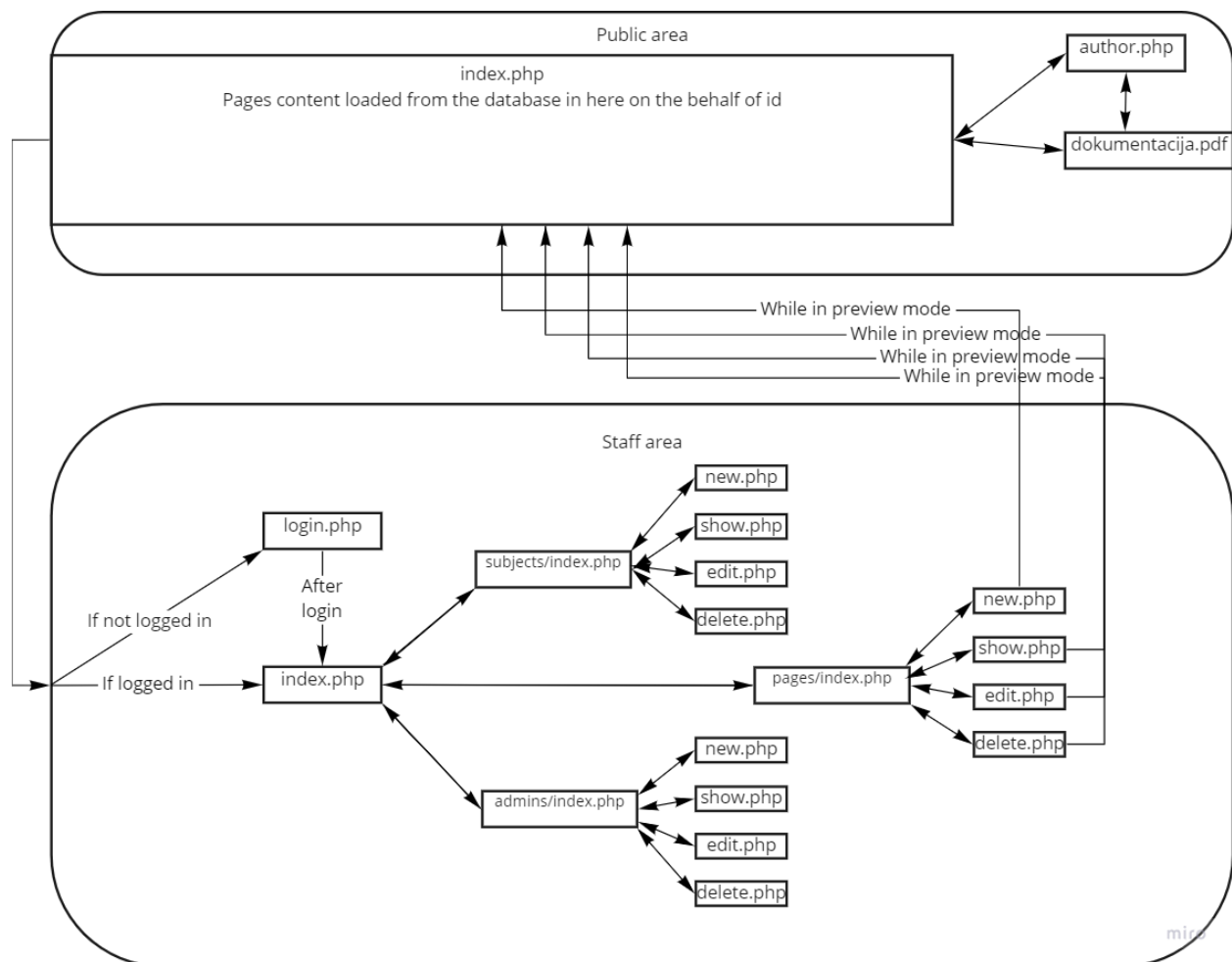
Organizaciona šema baze podataka:



Struktura foldera:



Organizaciona šema sajta:



Mapa sajta

```
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9
http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">
```

```
<url>
```

```
<loc>http://forge.epizy.com/public/index.php</loc>
```

```
<lastmod>2022-03-12T15:02:56+00:00</lastmod>
```

```
</url>
```

```
<url>
```

```
<loc>http://forge.epizy.com/public/staff/index.php</loc>
```

<lastmod>2022-03-12T15:05:32+00:00</lastmod>

</url>

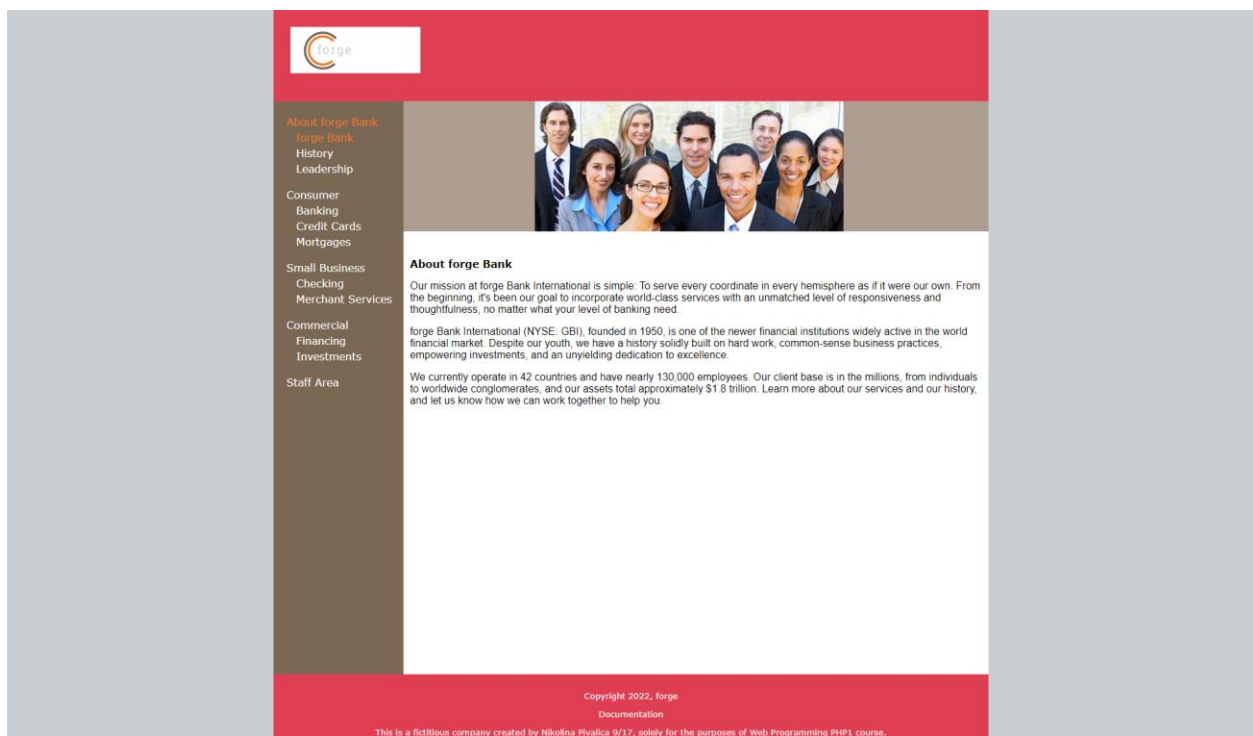
</urlset>

Slike stranica i opisi funkcionalnosti

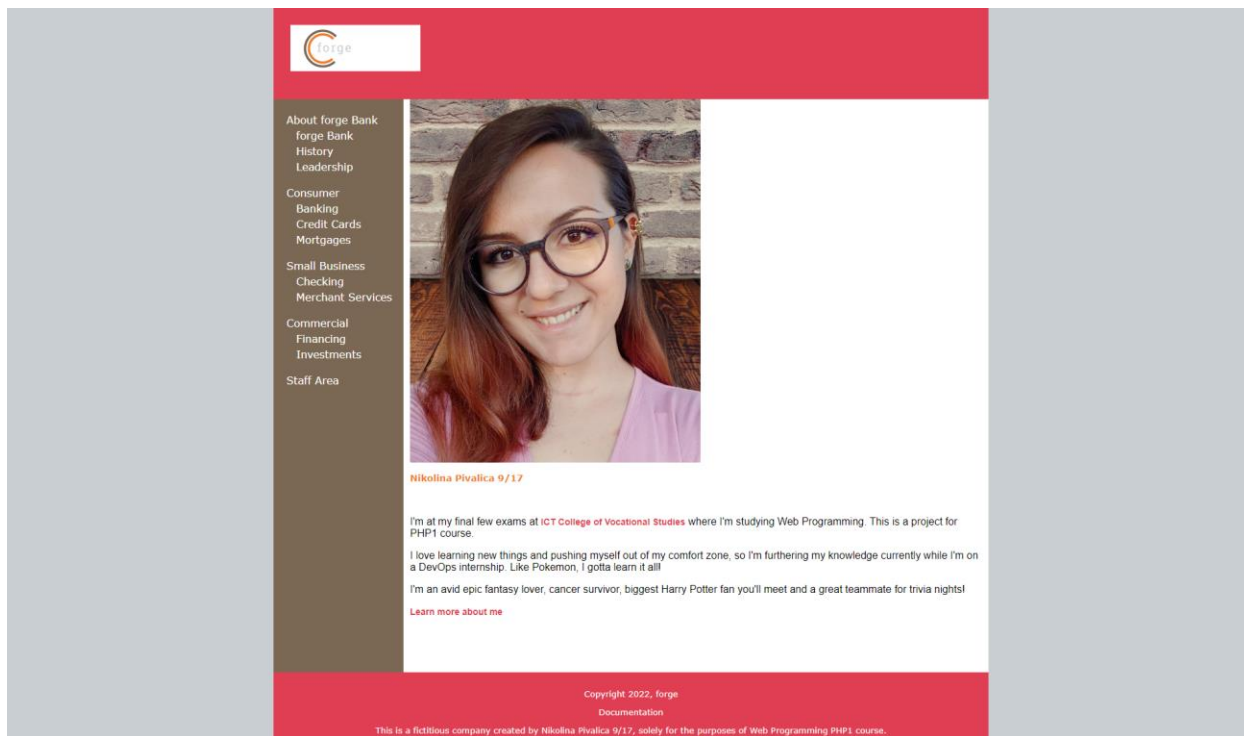
Public

index.php

Dinamičko ispisivanje menija i sadržaja stranica u okviru index.php na osnovu id-a prosleđenog id-a iz podmenija.



author.php



Staff

Pristup staff area se može postići samo ako ste ulogovani.

login.php

forge Staff Area

User: [Menu](#) [Log out](#)

Log in

Username:

Password:

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index.php

Ako se izlogujete, vratiće vas na login stranicu. Meni je vidljiv samo ako ste ulogovani.

forge Staff Area

User: adminuser [Menu](#) [Log out](#)

Main Menu

- [Subjects](#)
- [Pages](#)
- [Admins](#)

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subjects/index.php

Može se kreirati novi subject, videti postojeći, kao i editovati i obrisati.

forge Staff Area

User: adminuser [Menu](#) [Log out](#)

Subjects

[Create New Subject](#)

ID	Position	Visible	Name			
1	1	true	About forge Bank	View	Edit	Delete
2	2	true	Consumer	View	Edit	Delete
3	3	true	Small Business	View	Edit	Delete
5	4	true	Commercial	View	Edit	Delete

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subjects/new.php

Dodavanje subjecta u bazu podataka sa funkcionalnošću da menu name mora biti unique i da nas pozicionira na prvu sledeću slobodnu poziciju i može se izabrati da li će odmah biti vidljivo ili ne. Moće se vratiti na listu subjects-a. Validacija podataka.

forge Staff Area

User: adminuser [Menu](#) [Log out](#)

[« Back to List](#)

Create Subject

Menu Name

Position

5

▼

Visible

☐

Create Subject

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subjects/edit.php

Takođe proverava da li je menu name unique.

forge Staff Area

User: adminuser [Menu](#) [Log out](#)

[« Back to List](#)

Edit Subject

Menu Name	<input type="text" value="About forge Bank"/>
Position	<input type="text" value="1"/>
Visible	<input checked="" type="checkbox"/>
<input type="button" value="Edit Subject"/>	

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subjects/delete.php

forge Staff Area

User: adminuser [Menu](#) [Log out](#)

[« Back to List](#)

Delete Subject

Are you sure you want to delete this subject?

About forge Bank

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pages/index.php

Može se kreirati novi content stranice, videti stranica, kao i editovati i obrisati.

forge Staff Area

User: adminuser [Menu](#) [Log out](#)

Pages

[Create New Page](#)

ID	Subject	Position	Visible	Name			
1	About forge Bank	1	true	forge Bank	View	Edit	Delete
2	About forge Bank	2	true	History	View	Edit	Delete
3	About forge Bank	3	true	Leadership	View	Edit	Delete
4	About forge Bank	4	false	Contact Us	View	Edit	Delete
5	Consumer	1	true	Banking	View	Edit	Delete
6	Consumer	2	true	Credit Cards	View	Edit	Delete
7	Consumer	3	true	Mortgages	View	Edit	Delete
8	Small Business	1	true	Checking	View	Edit	Delete
9	Small Business	2	false	Loans	View	Edit	Delete
10	Small Business	3	true	Merchant Services	View	Edit	Delete
11	Commercial	1	true	Financing	View	Edit	Delete
12	Commercial	2	true	Investments	View	Edit	Delete
13	Commercial	3	false	Treasury Services	View	Edit	Delete

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pages/new.php

Zadaje se subject pod kojim se content page pravi, ime, pozicija gde ce se u okviru subjecta nalaziti u okviru liste stranica pod subjectom, da li je odmah vidljivo ili ne i ideja je da se u content unosi html markup. Nakon unosa omogućen je zaštićeni preview. Validacija podataka.

forge Staff Area

User: adminuser [Menu](#) [Log out](#)

[« Back to List](#)

Create Page

Subject	About forge Bank ▼
Menu Name	<input type="text"/>
Position	1 ▼
Visible	<input type="checkbox"/>
Content	<div></div>

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pages/edit.php

forge Staff Area

User: adminuser [Menu](#) [Log out](#)

[« Back to List](#)

Edit Page

Subject	Commercial ▼
Menu Name	Treasury Services
Position	3 ▼
Visible	<input checked="" type="checkbox"/>
Content	<div><pre><div id="hero-image"> </div> <div id="content"> <h1>Treasury Services</h1> <p>Let forge Bank be your co-CFO. We'll help you improve cash flow, improve efficiency, streamline payroll and payment processing, and help you to build a leaner, cleaner</pre></div>

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Nakon editovanja dostupan preview.

forge Staff Area

User: adminuser [Menu](#) [Log out](#)

The page was updated successfully.

[« Back to List](#)

Page: Treasury Services

[Preview](#)

Subject Commercial
Menu Name Treasury Services
Position 3
Visible true

Content

```
<div id="hero-image">  </div> <div id="content"> <h1>Treasury Services</h1> <p>Let forge Bank be your co-CFO. We'll help you improve cash flow, improve efficiency, streamline payroll and payment processing, and help you to build a leaner, cleaner organization.</p> <ul> <li><a href="#">Collections and cash applications</a></li> <li><a href="#">Deposit and account management options</a></li> <li><a href="#">Payment processing</a></li> <li><a href="#">Payroll procedures</a></li> <li><a href="#">Fraud protection</a></li> <li><a href="#">Liquidity management</a></li> <li><a href="#">International expansion</a></li> <li><a href="#">Healthcare program management</a></li> </ul> </div>
```

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U title dodat preview kako se ne bi zabunilo sa zvanično public delom sajta.



pages/delete.php

forge Staff Area

User: adminuser [Menu](#) [Log out](#)

[« Back to List](#)

Delete Page

Are you sure you want to delete this page?

[Contact Us](#)

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admins/index.php

Funkcionalnost dodavanja, gledanja, editovanja i brisanja staff admina.

forge Staff Area

User: adminuser [Menu](#) [Log out](#)

Admins

[Create New Admin](#)

ID	First	Last	Email	Username			
2	Pregledac	Sajta	php1@test.com	adminuser	View	Edit	Delete
1	Nikolina	Uzelac Pivalica	nikolina.uzelac.sun@gmail.com	nearlyheadlessnikolina	View	Edit	Delete

admins/new.php

Validacija podataka omogućena.

forge Staff Area

[« Back to List](#)

User: adminuser [Menu](#) [Log out](#)

Create Admin

First name	<input type="text"/>
Last name	<input type="text"/>
Username	<input type="text"/>
Email	<input type="text"/>
Password	<input type="password"/>
Confirm Password	<input type="password"/>

Passwords should be at least 12 characters and include at least one uppercase letter, lowercase letter, number, and symbol.

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admins/edit.php

forge Staff Area

[« Back to List](#)

User: adminuser [Menu](#) [Log out](#)

Edit Admin

First name	<input type="text" value="Pregledac"/>
Last name	<input type="text" value="Sajta"/>
Username	<input type="text" value="adminuser"/>
Email	<input type="text" value="php1@test.com"/>
Password	<input type="password"/>
Confirm Password	<input type="password"/>

Passwords should be at least 12 characters and include at least one uppercase letter, lowercase letter, number, and symbol.

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admins/delete.php

[« Back to List](#)

Delete Admin

Are you sure you want to delete this admin?

adminuser

Delete Admin

Kodovi

Kodovi se mogu naći na <https://github.com/npivalica/forge> .