

This application is a simple blog.

The user should have the possibility to login, create, read, update, delete (CRUD) posts.

Logged in users should be able to make CRUD operations with posts.

Unlogged users should be able only to Read posts;

For unauthorized users only the LOGIN page should be available, as well as the possibility to read posts on the homepage.

All addresses should be entered after the basic domain: \_testsite\_

After the user logged in - the session token time to live equals 60 minutes. After token expiration - the user should be redirected to the login page. Admin navigation panel should not display links if the user is not authenticated.

## Home Page

Address: '/'

Design:

QA test task

Admin panel

Post Title	Author	Date
asdasdasd	asdasdasd	24.09.2021
Test post with picture	DWonder	24.09.2021
Test post with media file	DWonder	24.09.2021
hhhh	i	24.09.2021
asdasd	asdasd	27.09.2021

After clicking on the Admin panel button:

Unauthenticated users should be redirected to the login page (/admin/login);

Authenticated users should be redirected to the admin dashboard page (/admin/dashboard).

If there are no posts, or posts are loading from the backend - the layout with 'Loading...' should be displayed.

Every post should be displayed as a card like this:

**asdasdasd**

24.09.2021

asdasdasd

**Open**

And it should contain bold post Title, post author, post creation date on the right and the Open button. A click on the Open button redirects the user to view the post page (/post/{post.id})

There should not be anything else.

## ***View post page***

Address: (/post/{post.id})

Design:

With comments:

On the header the project title and the button with a link to the admin panel should be displayed.  
On the main container the post info (title, author, date and time of creation and content) should be displayed.

## ***Login page***

Address: /admin/login

Design:

The image shows a login page design. At the top, there is a red horizontal bar containing the text "Admin panel". Below this, the main content area has a light gray background. It features a title "Login to admin panel" at the top left. Below the title are two input fields: one for "Email" and one for "Password", both represented by empty text boxes. At the bottom of the form is a red rectangular button labeled "Enter".

To login successfully:

Enter the valid email address and password to login and redirect to (/admin/dashboard) page.

The email should not be longer than 128 symbols and shorter than 6 symbols.

The user should not be able to enter an email longer than 128 symbols.

On entering the email 128 symbols long there should appear the validation error message with the text 'Too long email';

On entering the email less than 6 symbols long there should appear the validation error message 'Too short email';

The password should not be more than 50 symbols long.

The user should not be able to enter a password more than 50 symbols long.

On entering the password 50 symbols long or more there should appear the validation error message with the text 'Password should not be more than 50 symbols long';

On entering the password less than 6 symbols long there should appear the validation error message with the text 'Password should be at least 6 symbols long';

If any validation error message is displayed - the validated field should be highlighted with red;

On trying to login with the invalid email there should appear the error message 'User with this email does not exist'.

On trying to login with an incorrect password there should appear an error message 'Wrong password!'

## **Admin dashboard**

Address: (/admin/dashboard)

Design:

Admin panel
Main
Create post
To user's app
Logout

#	Author	Title	Created date	Action
1	asdasdasd	asdadasd	Sep 24, 2021, 12:35:39 AM	<button>Edit</button> <button>Delete</button>
2	DWonder	Test post with picture	Sep 24, 2021, 1:26:32 AM	<button>Edit</button> <button>Delete</button>
3	DWonder	Test post with media file	Sep 24, 2021, 1:28:09 AM	<button>Edit</button> <button>Delete</button>
4	i	hhhh	Sep 24, 2021, 12:19:48 PM	<button>Edit</button> <button>Delete</button>
5	asdasd	asdasd	Sep 27, 2021, 10:12:51 AM	<button>Edit</button> <button>Delete</button>
6	qwerty	Qwerty	Sep 27, 2021, 11:23:07 AM	<button>Edit</button> <button>Delete</button>
7	afaf	rq	Sep 27, 2021, 11:39:00 AM	<button>Edit</button> <button>Delete</button>
8	vhghncvhncghn	fsdcsv	Sep 27, 2021, 11:39:08 AM	<button>Edit</button> <button>Delete</button>
9	Billy Herington	What the hell you two doing	Sep 27, 2021, 11:39:48 AM	<button>Edit</button> <button>Delete</button>

For the authenticated user the header should contain the following elements:

A click on the *Admin panel* title leads to redirection to the *Admin dashboard* page.

A click on the Main link also redirects to the admin dashboard page. The tab is highlighted with dark-brown when the admin dashboard page is active;

A click on the Create post link redirects to the *New post creation* page. The tab is highlighted with dark-brown when the *New post creation* page is active;

A click on the To user's app link redirects to the Home page.

A click on the Logout link finishes the user session and redirects to the *Login* page.

On the main container for the admin dashboard page:

Search input. Highlighted with red when focused. On enter a value - filtering posts in the table;

The table header contains the following column titles: '#', 'Author', 'Title', 'Created date', 'Action';

Titles 'Author', 'Title' and 'Created date' are clickable, and on hovering on the aforementioned titles the cursor changes to the pointer;

A click on the column titles leads to sorting posts in the table by the column value in the ascending order.

By double clicking (or second click) - the posts in the table are sorted in the descending order;

The table body displays the basic information about posts: the author, the title, the date of creation and buttons to carry out actions: Edit and Delete.

On clicking on the *Edit* button, the user is redirected to the *Post edit* page.

On clicking on the *Delete* button the confirmation message should be displayed.

After confirming the deletion the post should be deleted completely and disappear from the table immediately.

While the post list is loading, or if there are no posts - instead the posts the table should display the *Loading...* layout.

## New post creation

Address: /admin/create

Design:

The screenshot shows a web application interface for creating a new post. At the top, a red header bar contains the text "Admin panel" on the left and "Main Create post To user's app Logout" on the right. Below the header is a form titled "New post creation". The form has several input fields: "Post title\*" with an empty input field; "Post content\*" with a rich text editor toolbar containing buttons for bold, italic, underline, superscript, and various alignment and list options, along with a text area placeholder "Insert text here ..."; "Post author\*" with an empty input field; "Actual until:" with a date input field showing "09 / 28 / 2021" and a calendar icon; and a "Create!" button at the bottom of the form.

For authenticated users the header should contain the following elements:

A click on the *Admin panel* title leads to redirection to the *Admin dashboard* page.

A click on the *Main* link also redirects to the *Admin dashboard* page. The tab is highlighted with dark-brown when the *Admin dashboard* page is active;

A click on the *Create post* link redirects to the *New post creation* page. The tab is highlighted with dark-brown when the *New post creation* page is active;

A click on the *To user's app* link redirects to the *Home page*.

A click on the *Logout* link finishes the user session and redirects to the *Login* page.

On the main page container:

There is a form group with the *New post creation* title where the title is in bold.

The form contains 4 fields:

- 1) Post a title - a required field, allows string values between 1 and 255 symbols long.

If the field is still empty after being focused on or after clicking on the *Create!* button - it should be highlighted with red, the validation error message *Title cannot be empty!* should appear;

If the value length is more than 255 symbols long - the field is highlighted with red, the error message 'Too long title' should appear;

The default value - null (empty);

The field label is marked with the '\*' symbol, as required. After marking it has the ':' symbol.

- 2) Post content - a required field. Allows strings or multimedia values. The length is not limited;

If it is still empty after being focused on, or after clicking on the *Create!* button, it should be highlighted with red, the validation error message 'Content cannot be empty!' should appear.

The default value - null (empty);

The field label is marked with the '\*' symbol, as required. After marking it has the ':' symbol.

- 3) Post an author - a required field. Allows string values between 1 and 127 symbols long.

If it is still empty after being focused on or after clicking on the *Create!* button - should be highlighted with red, the validation error message 'Author cannot be empty' should appear;

If the value length is more than 255 symbols long - the field should be highlighted with red, the error message 'Too long author name' should be displayed;

The default value - null (empty);

The field label is marked with the '\*' symbol, as required. After marking it has the ':' symbol.

- 4) Actual until: - not a required field. Allows date values. Cannot accept the date before today.

The default value - the actual date (today). Can be empty.

The *Create!* button is disabled by default.

The *Create!* button becomes active only with valid values in all required fields.

The *Create!* button become inactive after sending;

On clicking on the *Create!* button the post data is sent to the server, the user is redirected to the dashboard page.

## Edit post page

Address: admin/post/{post.id}/edit

Design:

The screenshot shows the 'Admin panel' interface for editing a post. At the top, there's a red header bar with the text 'Admin panel' on the left and navigation links 'Main' (highlighted in dark brown), 'Create post', 'To user's app', and 'Logout' on the right. Below the header, the main content area has a white background. It contains three input fields: 'Post title\*' with the value 'asdasdasd', 'Post content\*' with a rich text editor toolbar and the value 'asdasdasd', and 'Post author\*' with the value 'asdasdasd'. At the bottom right of the content area is a red 'Save' button.

For authenticated users the header should contain the following elements:

A click on the *Admin panel* title leads to the redirection to the *Admin dashboard* page.

A click on the *Main link* - also redirects to the *Admin dashboard* page. The tab is highlighted with dark-brown when the *Admin dashboard* page is active;

A click on the *Create post* link redirects to the *New post creation* page. The tab is highlighted with dark-brown when the *New post creation* page is active;

A click on the *To user's app* link redirects to the Home page.

A click on the *Logout* link finishes the user session and redirects to the *Login* page.

The *Edit a post page* option has a simple form group.

The form group contains 3 fields:

- 1) Post a title - a required field, allows string values between 1 and 255 symbols long.  
If it is still empty after being focused on or after clicking on the *Save!* button - should be highlighted with red, the validation error message 'Title cannot be empty!' should appear;  
If the value length is more than 255 symbols long - the field should be highlighted with red, the error message 'Too long title' should appear;  
The default value - the actual post title.  
The field label is marked with '\*' symbol, as required. After marking it has':' symbol.
- 2) Post content - a required field. Get strings or multimedia values. Length is not border;  
If it is still empty after being focused, or after clicking on the *Save!* button, should be highlighted with red, the validation error message 'Content cannot be empty!' should appear.  
The default value - the actual post content. Can be displayed in html semantic.

The field label Marked with '\*' symbol, as required. After marker it have ':' symbol.

3) Post author - required field. Get string value with length between 1 and 127 symbols.

If still empty after focused or after click on 'Save'! button - highlighting with red, appear validation error message 'Author cannot be empty';

If value length is more than 255 symbols - field highlighted with red, appear an error message 'Too long author name';

Default value - actual post author

The field label is marked with '\*' symbol, as required. After marking it has':' symbol.

The Save button should not be disabled by default.

The user should not be able to click on the Save button multiple times - the button should be disabled after the first click, while the answer from the server is not received;

On clicking on the Save button the new post data is sent to the server, the user is not redirected;

After the successful data saving there should appear an alert message.