

.Net Blog Engine App

URL: <https://blogengine20220301065033.azurewebsites.net/>

I. First scenario: non-authenticated users

Any user launches the website. Homepage displays all Approved Posts. Users can add comments for any post.

Every post display the author and publish (Approval) date.

User can register by providing the following data:

- First name
- Last name
- Email
- Password

II. Second scenario: authenticated users

There are 2 roles: Editor and Writer

IMPORTANT: When creating an account system automatically assigns a role by using the first letter of the email. If email starts with 'e' the account will have the Editor role, otherwise Writer role.

In Table 1, available functionality is described.

| Functionality | Non-authenticated users | Authenticated users | |
|--------------------------------------|-------------------------|---------------------|--------|
| | | Editor | Writer |
| Browse All Approved post | X | X | X |
| Comment on any Approved post | X | X | X |
| Create posts. | | | X |
| Update/Submit (Draft/Rejected) posts | | | X |
| Approve/Reject (Submitted) posts | | X | |
| Delete (Submitted/Approved) posts* | | X | |

Table 1. Functionality provided to non-authenticated and authenticated users.

* Document does not specify if Editor can delete any post. For this development, it was assumed that Editor can only delete submitted/approved posts.

| Status | Abbreviature | Description |
|-----------|--------------|---|
| Draft** | D | A new post that user has created. |
| Submitted | S | A post that was sent to Editor for approval. |
| Approved | A | A post that Editor has approved. |
| Rejected | R | A post sent back to the author. Authors can update and submitted a rejected post. |

Table 2. List of post status.

** Document does not specify this Status, but it is required to distinguish between a post sent to the Editor and a post in process.

| Username | Role | Password |
|------------------|--------|----------|
| editor@gmail.com | Editor | \$Hola1 |
| erika@gmail.com | Editor | \$Hola1 |
| writer@gmail.com | Writer | \$Hola1 |
| maria@gmail.com | Writer | \$Hola1 |
| paola@gmail.com | Writer | \$Hola1 |

Table 3. List of usernames available for testing.

The following info is stored for posts:

Title
Intro
Body
Image
Username
Status
Created Date
Submitted Date
Approved Date
Modified Date

The following info is stored for comments:

Description
Username
Created Date

III. System User Interface

1. Main menu

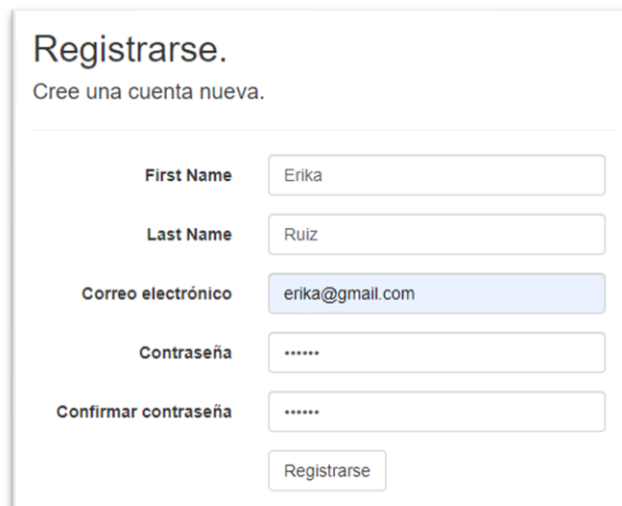
Home: It will display the list of Approved Post, where authenticated or non-authenticated users can write comments.

Wall: Provides an administrative panel for Editors and Writers
Editors can approve or reject the submitted posts. They can also delete Approved or Submitted posts.

Writers can manage its post. They can edit/submit all those posts that have status Draft or Rejected.

Wall by WS: Editors can see all those submitted post which are pending for approval or rejection.

Although the main menu is visible for any user, the “Wall” and “Wall by WS” options provide access only to authenticated user according to their roles.



The image shows a registration form titled "Registrarse." with the subtitle "Cree una cuenta nueva." The form contains five input fields: "First Name" with the value "Erika", "Last Name" with the value "Ruiz", "Correo electrónico" with the value "erika@gmail.com", "Contraseña" with masked characters "*****", and "Confirmar contraseña" with masked characters "*****". A "Registrarse" button is located at the bottom of the form.

Figure 1. Create an account.

Blog Engine Test

Home

Wall

Wall By WS

Create an account

Sign in

Recent Published Posts

| Title | Intro | Body | ApprovedDate | Image |
|--------------------------|-----------|---------------------------------------|---------------------|---------------------------|
| Post 1 - The Code | Welcome | In this post we will talk about code. | 3/2/2022 2:31:20 AM | Comment |
| About computers (Post 2) | Dear all, | As you know, there are ... | 3/2/2022 2:31:26 AM | Comment |

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Figure 2. System homepage. It displays all the approved posts for any user.

| Post Management | | | | | | | | | | |
|--------------------------|-----------|---------------------------------------|--------|---------------------|---------------------|--------------|--------------|------------------|--------------|---|
| Title | Intro | Body | Status | CreatedDate | SubmittedDate | ApprovedDate | ModifiedDate | UserName | FullName | |
| Post 1 - The Code | Welcome | In this post we will talk about code. | S | 3/2/2022 2:17:38 AM | 3/2/2022 2:27:33 AM | | | writer@gmail.com | Sergio Rojas | Approve Reject Delete |
| About computers (Post 2) | Dear all, | As you know, there are ... | S | 3/2/2022 2:19:10 AM | 3/2/2022 2:27:37 AM | | | writer@gmail.com | Sergio Rojas | Approve Reject Delete |

Figure 3. Editors can manage posts. Accessible by clicking on Wall menu option.

| My Posts | | | | | | | | | |
|-----------------------------|----------|----------------------------|--------|---------------------|---------------------|--------------|--------------|--|--|
| Create Post | | | | | | | | | |
| Title | Intro | Body | Status | CreatedDate | SubmittedDate | ApprovedDate | ModifiedDate | | |
| My favorite restaurants | Dear all | This is my favorite topic. | S | 3/2/2022 2:25:21 AM | 3/2/2022 2:26:32 AM | | | | |

Figure 4. Writers can manage posts only their posts. Accessible by clicking on Wall menu option.

| WallByWebService - Only Submitted Post | | |
|--|-----------------|---------------------|
| PostId | Author | SubmittedDate |
| 19 | Maria Gutierrez | 3/2/2022 2:26:32 AM |

Figure 5. Editors can retrieve all Submitted posts. Application consumes a web service to provide this functionality.