

Blog Posting Website User Manual



Developer team

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Preparing and Using for The First Time

- Required installations
 - In the cmd, type the following commands:
 - Download NodeJS on its official website <https://nodejs.org/en/download/>
 - `python -m pip install Django` OR `python3 -m pip install Django`
 - `pip install djangorestframework-simplejwt` OR `pip3 install djangorestframework-simplejwt`
 - `cd <path to the folder of our project>`
 - `pip install -r version.txt` OR `pip3 install -r version.txt`

Running Frontend and Backend

- Frontend
 - In the cmd, go into the directory of “<your_location>/CSDS-393-final-project/frontend”
 - Type “npm install” if it is your first time to use our web service
 - Type “npm start”
 - The webpage will be opened in your default browser
- Backend
 - Open a new cmd, go to the directory of “<your_location>/CSDS-393-final-project/backend”
 - Type the followings in order:
 - python3 manage.py makemigrations
 - python3 manage.py migrate
 - python3 manage.py runserver
- Now you may start your interactions with the website

Account - SignUp

Button to open the sign-up modal

A white modal window titled 'Sign Up' with a close button (X) in the top right corner. Inside the modal, there are two input fields: 'Username' and 'Password'. Both fields are highlighted with red boxes. Below these fields is a blue 'Sign up' button, also highlighted with a red box. A red arrow points from the text 'Button to submit the newly created username and password' to the 'Sign up' button.

Choose a username

Choose a password

Button to submit the newly created username and password

Note:

- If username and/or password is missing, an alert will pop up, asking you to enter username and/or password.
- If the username has been registered, an alert will pop up, asking you to choose another username.

Account - Login & Logout

Button to open the login modal



Button to logout

A white login modal with a title bar 'Login' and a close button 'X'. It contains two input fields: 'Username' and 'Password'. Below these fields is a blue 'Login' button. Red rectangular boxes highlight the 'Username' field, the 'Password' field, and the 'Login' button. Red arrows point from the text labels to these elements.

Enter your username

Enter your password

Button to submit the newly created username and password

Note:

- If username and password are not matched, an alert will pop up, saying that the credentials are invalid.

Blogs - Search

Enter keyword(s) for search

Button to submit the keyword(s)

The screenshot shows a search interface with a search bar containing the text 'sofa' and a 'Search' button. Below the search bar, there are three blog entries, each with a 'Read' button. The first entry has the title 'sofa', author 'bb-8', and category 'beauty'. The second entry has the title 'sofa2', author 'bb-8', and category 'sport'. The third entry has the title 'bike', author 'bb-8', and category 'travel'. Red arrows point from the text annotations to the search bar, the 'Search' button, the list of blog entries, and the 'Read' button of the third entry.

| Title | Author | Category | Action |
|-------|--------|----------|--------|
| sofa | bb-8 | beauty | Read |
| sofa2 | bb-8 | sport | Read |
| bike | bb-8 | travel | Read |

Blogs that are qualified to the search keyword(s)

Button to read the specific blog

Note:

- If there is not any qualified blog, "No blog found" will be displayed.

Blogs - View

Back to the previous page that contains a list of qualified blogs



The screenshot shows a web interface for viewing a blog. At the top, there is a search bar with the text "Search Results" and "sofa". Below this, the blog title "sofa" and author "BY bb-8" are displayed. The main content area shows the text "efeeeff" and a "Post comment" button. Below the main content, there is a "Comments" section with three entries. Red arrows point from the text annotations to specific elements: one to the search bar, one to the blog title/author/content area, and one to the comments section.

Search Results sofa

sofa
BY bb-8

efeeeff

Post comment

Comments

Author: bb-8
Comment: Nice!

Author: zz-33
Comment: Good!

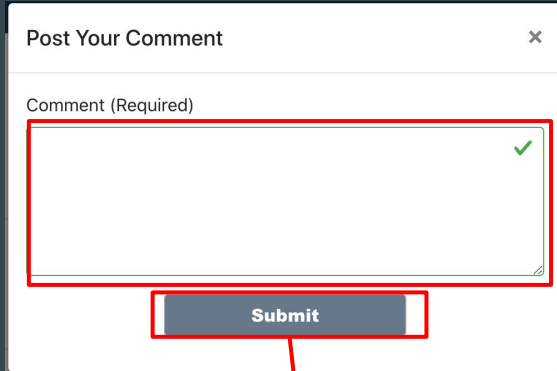
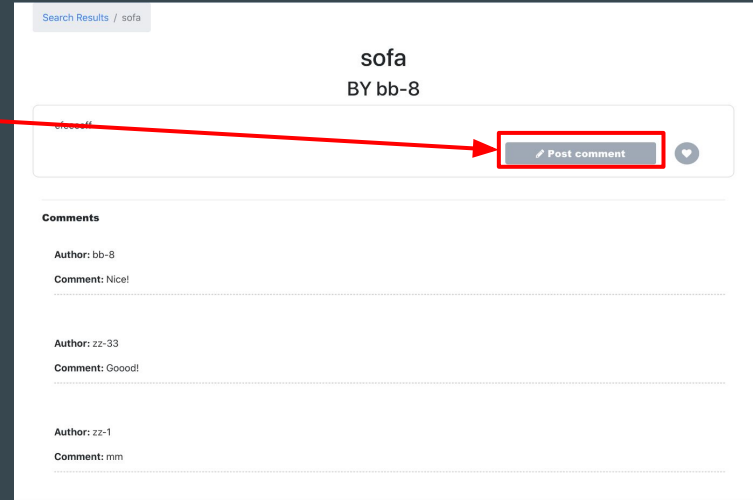
Author: zz-1
Comment: mm

Title, author and content of the blog

Comment(s) on the blog

Blogs - Comment



Button to open the modal for posting a comment



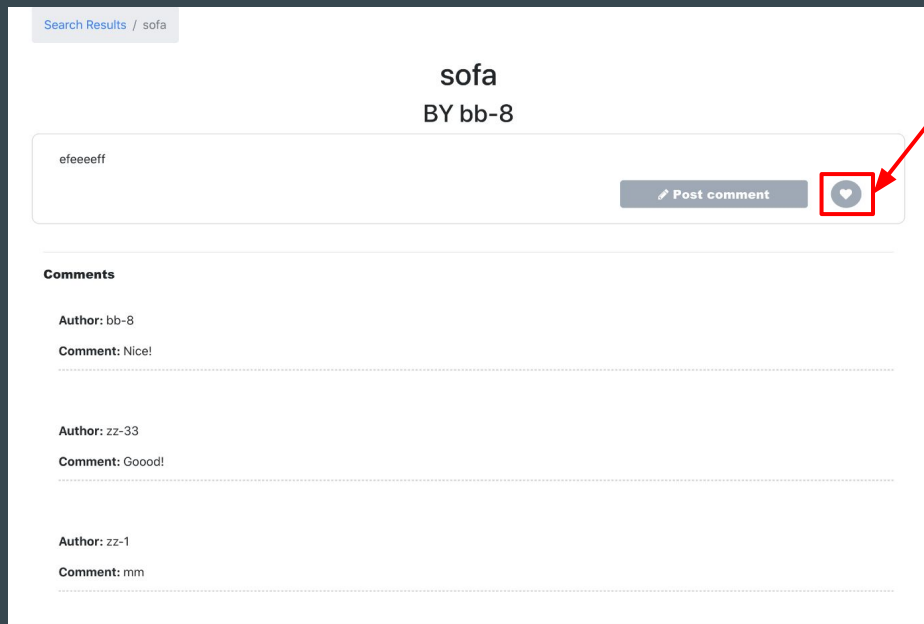
Enter your comment here

Button to submit your comment

Note:


- As for a user who has not logged in, the  button is disabled.
- If the comment area is empty, the  button is disabled and an error message will be displayed as a hint.

Blogs - Favorite



Button to favorite the blog

Note:

- As for a user who has not logged in, an alert will pop up, asking the user to login first, when the user click on the  button.
- If the blog has been added to the user's favorite list before, an alert will pop up, saying that the blog has been added to the list.

Blogs - MyBlogs

- Need to login first, and then access this feature through Header
- You may:
 - View a list of all your previously posted blogs
 - Click on the title to view the content and comments of your blog
 - Edit your blog
 - Create a new blog



Blogs - MyBlogs

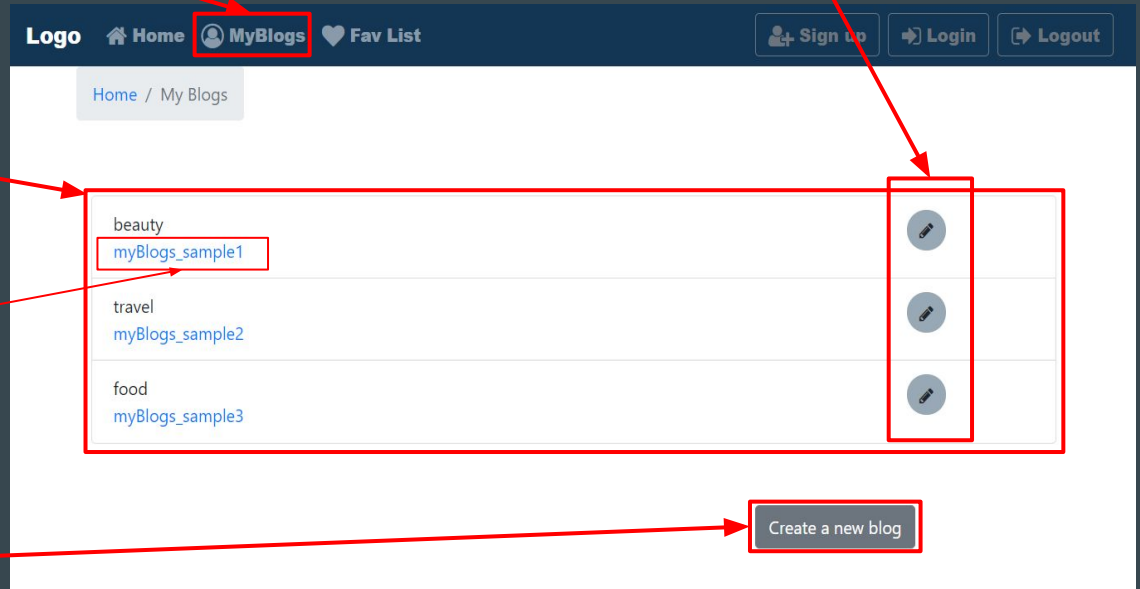
After login, may access to MyBlogs page

Button to edit your blog

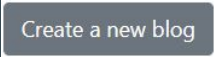
List of your posted blogs

Click the title to view a blog

Button to create a new blog



Blogs - Create New Blog

- Need to login first
- Access this feature through  in MyBlogs
- You may:
 - Type the title and content of the blog
 - Select a category for the blog
 - Beauty, Travel, or Food
 - Save and post the blog
 - Cancel the edit of the blog
 - The draft will not be saved.
 - Delete this blog draft

Blogs - Create New Blog

Input title and content here

Select a blog category

Save and post the blog


Cancel the editing

The screenshot shows a web application interface for creating a new blog. At the top is a dark blue navigation bar with the text 'Logo' and links for 'Home', 'MyBlogs', and 'Fav List'. On the right side of the bar are buttons for 'Sign up', 'Login', and 'Logout'. The main content area is white and contains a form with the following elements:

- A text input field with the placeholder '<blog_title>' and a red border. A red arrow points from the text 'Input title and content here' to this field. Below the field is the error message 'Blog title should not be empty'.
- A dropdown menu with 'Beauty' selected and a red border. A red arrow points from the text 'Select a blog category' to this menu.
- A large text area with the placeholder '<blog_title>' and a red border. A red arrow points from the text 'Input title and content here' to this area. Below the area is the error message 'Blog content should not be empty'.
- A blue 'Save' button with a red border. A red arrow points from the text 'Save and post the blog' to this button.
- At the bottom right, there are two buttons: a grey 'Cancel' button and a red 'Delete' button, both with red borders. A red arrow points from the text 'Cancel the editing' to the 'Cancel' button. Another red arrow points from the text 'Delete the editing' to the 'Delete' button.

Delete the editing

Blogs - Edit A Posted Blog

- Need to login first
- Access this feature through  in MyBlogs
- You may:
 - Change the title and content of the blog
 - Change the category for the blog
 - Beauty, Travel, or Food
 - Save the changes
 - Cancel the changes for the blog
 - Your changes will not be saved and your blog will not be updated
 - Delete the blog
 - Delete the comment(s) (if any) from the comment list

Blogs - Edit A Posted Blog

Change title, category, or content

Save the change(s)

Cancel the change(s)

Delete the blog

Delete the comment(s)

The screenshot shows a web application interface for editing a blog post. The top navigation bar includes a logo, links for Home, MyBlogs, and Fav List, and buttons for Sign up, Login, and Logout. The main form has a title field containing "myBlogs_sample1", a category dropdown set to "Beauty", and a content text area containing "myBlogs_sample1_content.". Below the form are buttons for Save, Cancel, and Delete. The Save button is highlighted with a red box. Below the form is a comments section with two comments. The first comment is by "dd" with the text "Good blog! Like it!". The second comment is by "dd1" with the text "Such a bad blog, you'd better delete it.". Each comment has a Delete button, which are highlighted with a red box.

myBlogs_sample1

Beauty

myBlogs_sample1_content.

Save

Cancel Delete

Comments

dd
Good blog! Like it!

dd1
Such a bad blog, you'd better delete it.

Delete

Delete

Blogs - FavList

- Need to login first, and then access this feature through Header
- You may:
 - View a list of blogs that you chose to favorite
 - Click on the title to view the content and comments of the favorited blog
 - Remove a blog from your favorites list



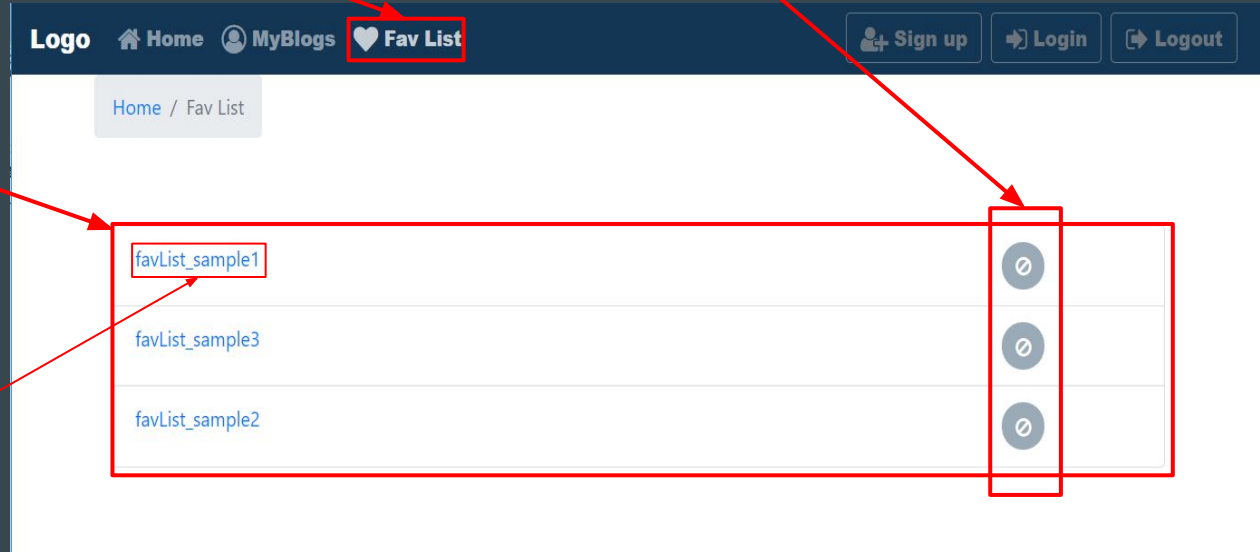
Blogs - FavList

After login, may access to FavList page

Button to remove a blog from FavList

List of your favorite blogs

Click the title to view a blog



Footer - Contact

Any questions may refer to the contact information listed at the bottom of each page

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