blog

Developed a RESTful API for a blogging platform using Node.js, Express.js, and a database (MongoDB). The API supports CRUD operations for blog posts, comments, and likes, along with features like authentication, authorization, tagging, filtering, and middleware integration.

User

This folder contains endpoints Which are related to user such as creating a new user , updating the user data and deleting the user.

POST   User Login

https://sk-blog-2024.onrender.com/api/users/login_user

This endpoint is used for login purpose which takes user email and password as login credentials

Body raw (json)

```json
{
    "email":"sivakumar@email.com",
    "password":"siva1234"
}
```

GET   Get All Users

https://sk-blog-2024.onrender.com/api/users/get_all_user

To get the list of all registered user

POST   Register User

https://sk-blog-2024.onrender.com/api/users/register_user

To create a new user account it need user name(name) , email and password. Email should be unique if not error will be thrown

Body raw (json)

```json
{
    "name":"siva kumar",
    "email":"sivakumar@email.com",
    "password":"siva1234"
}
```

PATCH   Update User Data

https://sk-blog-2024.onrender.com/api/users/update_user

To edit the user name or email this endpoint will be used

HEADERS

authorization

Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2l2YSBrdW1hciIsImVtYWlsIjoic2l2YWt1bWFyQGVtYWlsLmNvbSIsImlkIjoiNjc1MTkwZTYzMzhkMWEzODliZWI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

Body raw (json)

```json
{
    "email":"sivakumar@test.com"
}
```

DELETE Delete User

https://sk-blog-2024.onrender.com/api/users/delete_user

This request is used to delete the account of the user. But the post created by him are not deleted

Post

This folder contains endpoints which are used to create and manipulate the post data

POST Save New Post

https://sk-blog-2024.onrender.com/api/posts/save_post

Adding new post to the blog

HEADERS

authorization	Bearer
	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2I2YSBrdW1hciIsImVtYWIsIjoic2I2YWt1bWFyQGVtYWIsLmNvbSIsImlkIjoiNjc1MTkwZTYzMzhkMWEzODIiZWI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

Body raw (json)

```json
{
    "title":"second post",
    "content":"This is my second post"
}
```

GET Get Posts Of Specific Author

https://sk-blog-2024.onrender.com/api/posts/get_my_posts

This endpoint is used to fetch the posts of specific author from the blog

HEADERS

authorization

Bearer
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2I2YSBrdW1hciIsImVtYWl
sIjoic2I2YWt1bWFyQGVtYWlsLmNvbSIsImlkIjoiNjc1MTkwZTYzMzhkMWEzODliZ
WI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-
TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

PATCH   Update Post

https://sk-blog-2024.onrender.com/api/posts/update_post/6751a718779f868625cd558d

It is used to update the content or title of the post

HEADERS

authorization

Bearer
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2I2YSBrdW1hciIsImVtYWl
sIjoic2I2YWt1bWFyQGVtYWlsLmNvbSIsImlkIjoiNjc1MTkwZTYzMzhkMWEzODliZ
WI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-
TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

Body raw (json)

```json
{
    "content":"This post content is updated"
}
```

GET   Get All posts

https://sk-blog-2024.onrender.com/api/posts/get_all_posts

To receive/get all the post which are posted in the blog

HEADERS

Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2I2YSBrdW1hciIsImVtYWlsIjoic2I2YWt1bWFyQGVtYWlsLmNvbSIsImlkIjoiNjc1MTkwZTYzMzhkMWEzODliZWI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

DELETE Delete Post

https://sk-blog-2024.onrender.com/api/posts/delete_post/6751a718779f868625cd558d

Deleting the post completely from the blog

HEADERS

Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2I2YSBrdW1hciIsImVtYWlsIjoic2I2YWt1bWFyQGVtYWlsLmNvbSIsImlkIjoiNjc1MTkwZTYzMzhkMWEzODliZWI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

GET Get Detailed Posts

https://sk-blog-2024.onrender.com/api/posts/fetch/detailed_posts

Here we populated all the data such as author detail , comments and the number of likes that post had.

HEADERS

Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2I2YSBrdW1hciIsImVtYWlsIjoic2I2YWt1bWFyQGVtYWlsLmNvbSIsImlkIjoiNjc1MTkwZTYzMzhkMWEzODliZWI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

GET Search Text

https://sk-blog-2024.onrender.com/api/posts/search?searchString=second%20post

User can find posts based on the search keywords. keywords are seperated by space(' ')

HEADERS

Authorization

Bearer
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2I2YSBrdW1hciIsImVtYWl
sIjoic2I2YWt1bWFyQGVtYWIsLmNvbSIsImlkIjoiNjc1MTkwZTYzMzhkMWEzODIiZ
WI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-
TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

PARAMS

searchString   second%20post

GET   Filter posts by tags

https://sk-blog-2024.onrender.com/api/posts/tags?tags=book,popular,fantasy

User can filter the posts based on the tags that each post contain.

HEADERS

Authorization

Bearer
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2I2YSBrdW1hciIsImVtYWl
sIjoic2I2YWt1bWFyQGVtYWIsLmNvbSIsImlkIjoiNjc1MTkwZTYzMzhkMWEzODIiZ
WI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-
TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

PARAMS

tags   book,popular,fantasy

PATCH   Add Tags

https://sk-blog-2024.onrender.com/api/posts/add_tags/6751a718779f868625cd558d?tags=book,popular,fantasy

Used to add extra tags to the exisiting post. The endpoint contains the post id Where the new tags are going to be added and followed by the query (tags) which contains the additional tags which are about to be added.

HEADERS

Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2I2YSBrdW1hciIsImVtYWIsljoic2I2YWt1bWFyQGVtYWIsLmNvbSIsImIkIjoiNjc1MTkwZTYzMzhkMWEzODliZWI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

PARAMS

tags	book,popular,fantasy

PATCH   Remove Tags

https://sk-blog-2024.onrender.com/api/posts/remove_tags/6751a718779f868625cd558d?tags=book,popular,fantasy

This endpoint is used to remove tags from the exisiting post. The endpoint contains the post id Where the previous tags are going to be deleted and followed by the query (tags) which contains the tags which are about to be deleted.

HEADERS

Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2I2YSBrdW1hciIsImVtYWIsljoic2I2YWt1bWFyQGVtYWIsLmNvbSIsImIkIjoiNjc1MTkwZTYzMzhkMWEzODliZWI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

PARAMS

tags	book,popular,fantasy

comment

This folder contains endpoints Which are related to comment such as writing a new comment to the post, editing the previous comment or deleting the previosuly written comment.

POST   Add Comment

http://localhost:8000/api/comments/add

Writting a new comment to the particular post. In request body the post id and the user written comment is mentioned.

HEADERS

Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2I2YSBrdW1hciIsImVtYWI sIjoic2I2YWt1bWFyQGVtYWIsLmNvbSIsImlkIjoiNjc1MTkwZTYzMzhkMWEzODIiZ WI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b- TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

Body raw (json)

```json
json

{
    "postId":"6751a718779f868625cd558d",
    "comment":"this is my first comment"
}
```

PATCH   Update Comment

http://localhost:8000/api/comments/update/675273172ce2bbe0bd36cc71

Updating the previously written commnet. The post id is attached to the endpoint

HEADERS

Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2I2YSBrdW1hciIsImVtYWI sIjoic2I2YWt1bWFyQGVtYWIsLmNvbSIsImlkIjoiNjc1MTkwZTYzMzhkMWEzODIiZ WI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b- TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

Body raw (json)

Body raw (json)

```json
{
    "comment" : "This is an updated comment"
}
```

DELETE Delete Comment

http://localhost:8000/api/comments/delete/675273172ce2bbe0bd36cc71

Deleting the previously written comment. The endpoint contain the post id.

HEADERS

Authorization

Bearer
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1IIjoic2I2YSBrdW1hciIsImVtYWI
sljoic2I2YWt1bWFyQGVtYWIsLmNvbSIsImIkIjoiNjc1MTkwZTYzMzhkMWEzODIiZ
WI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-
TJYSeWEOtmW1Xw9dAprXIP1SuwsIrajwU

like

This folder contain endpoints that are related to liking and unliking the post in our blog.

POST Like a Post

http://localhost:8000/api/likes/add/6751a718779f868625cd558d

This endpoint is used to add a like to the particular post.

HEADERS

Authorization

Bearer
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1IIjoic2I2YSBrdW1hciIsImVtYWI
sljoic2I2YWt1bWFyQGVtYWIsLmNvbSIsImIkIjoiNjc1MTkwZTYzMzhkMWEzODIiZ
WI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-

DELETE Unlike a Post

http://localhost:8000/api/likes/delete/675273172ce2bbe0bd36cc71

This endpoint is used to add a unlike or removing the like from the particular post.

HEADERS

Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJuYW1lIjoic2I2YSBrdW1hciIsImVtYWlsIjoic2I2YWt1bWFyQGVtYWlsLmNvbSIsImlkIjoiNjc1MTkwZTYzMzhkMWEzODliZWI2NTMyIiwiaWF0IjoxNzMzMzk4Nzc0fQ.hPgH8bO_b-TJYSeWEOtmW1Xw9dAprXIP1SuwslrajwU