
Documentation for the website blogs

I had created two users and their posts. User 1 is the details of username and password of admin page.

User 1

Username: ram

password: india2020

user 2

username: sam

password: india2021

Here I have attached the snapshot of the pages of my sit

Home Page

Login for personalized dashboard

Username:

Password:

List of Blogs

Saccadic Masking

Ram

March 22, 2020

Human Eye When someone asks you what are all the colors you know? We obviously say those colors in the sketch box we used during our chil...

What is Science

Author: Sam

March 23, 2020

The word "science" probably brings to mind many different pictures: a fat textbook, white lab coats and microscopes, an astronomer peering through a ...

The home page has two parts, one is login and the other is the list of blogs.

Your personalised dashboard

Saccadic Masking

Ram

March 22, 2020

Human Eye When someone asks you what are all the colors you know? We obviously say those colors in the sketch box we used during our childhood and add some extra few shades we know. But research shows that a human eye can distinct about more than 7 million shades of colors. This picture is taken from pexels.com isn't it surprising? Yes, our eye posses a lot of surprises with it. Nowadays we all have smartphones with amazing cameras or atleast a phone with a decent camera. Do you ever loved a picture that is shaken and blurred while capturing ? We never think of having such pictures because they doesn't make any sense. Think of the same scenario with our eyes, as eyes are live cameras which make us see the world around us. We are continuously moving turning our eyes thousands of times a day and in that case our eyes take a lot of blurred images. If brain interprets all of these images we will get motion sick all the time. We couldn't see properly. But fortunately it is not happening and that's what this article is about saccadic masking. Do we all blind ? Yes we do. Wait wait what? How could you say that I'm blind, I can see things around me, are you joking? These are your questions right, in fact when I came to know about this I do have the same questions. We are all getting blinded hundreds and thousands of times a day and each time we are blind for thousandths of a second. This fraction of second sounds not that much serious but on a whole 40 minutes a day we are blind. This is because of a phenomenon called saccadic masking. Let me give you a practical example. Have you ever tried tracing the movements of your eyeballs in the mirror ? This picture is taken from pexels.com If not, then look your eyes in a mirror and roll your eyes up down and try to trace the motion of your eyes.... Well you're having a silent smile in your face right which means you can't see the motion of your own eyes in the mirror. And this happens because your brain matches the vision with the initial and final snap and removing the motion blur and matches that gap in order to clear your vision. Before you see anything your brain integrates the data from both the eyes and matches your blind spot too to make your vision flawless. Here in saccadic masking your brain which is the processor which selectively process the vision by blocking the blurred images. Because those blurred images are of no use. During a saccade you may miss a major event or even a flash of a light... So there is a huge possibility of mis-perception of things you see. So excess care should be given while traveling at high speeds. But it is meaningless to fear all the time because of this. Saccadic masking points to remember: A saccade lasts for 50 milli seconds i.e, thousandths of a second On a whole we are blind for 40 minutes a day This was discovered by Erdmann and Dodge in 1898. This is completely different from persistence of vision as both are related to speed and vision.

[Edit your blog](#)

Personalised dashboard contains the post of the logged in user and an option to edit the post

Edit your blog

Title

Saccadic Masking

Content

Human Eye

When someone asks you what are all the colors you know?

We obviously say those colors in the sketch box we used during our childhood and add some extra few shades we know.

But research shows that a human eye can distinct about more than 7 million shades of colors.

This picture is taken from pexels.com

isn't it surprising?

Yes, our eye posses a lot of surprises with it.

Submit

The link Edit your blog takes the logged in user to the form in which he can edit his blog.

He can only edit his title and content. Then he can submit he form.

Errors faced during the time

The number of errors faced cannot be counted I think it will cross 100. So many kinds of error that I cannot put everything on paper. I have just added two of the errors faced at the end of the project.

NoReverseMatch at /blogs/

'blogs' is not a registered namespace

Request Method: POST

Request URL: http://127.0.0.1:8000/blogs/

Django Version: 3.0.4

Exception Type: NoReverseMatch

Exception Value: 'blogs' is not a registered namespace

Exception Location: C:\Users\Abhishek\lib\site-packages\django\urls\base.py in reverse, line 83

Python Executable: C:\Users\Abhishek\python.exe

Python Version: 3.8.2

Python Path: ['C:\\Users\\Abhishek',
'C:\\Users\\Abhishek\\python38.zip',
'C:\\Users\\Abhishek\\DLLs',
'C:\\Users\\Abhishek\\lib',
'C:\\Users\\Abhishek',
'C:\\Users\\Abhishek\\AppData\\Roaming\\Python\\Python38\\site-packages',
'C:\\Users\\Abhishek\\lib\\site-packages']

Server time: Sun, 29 Mar 2020 17:09:32 +0000

Error during template rendering

In template C:\Users\Abhishek\blogs\templates\blogs\dashboard.html, error at line 9

I got this error because I did not put `app_name = blogs` in the `urls.py`. I did not realise this and I searched in stackoverflow and I found someone had the same problem and I got the answer.

Later I understood that we can actually decode the error by carefully going through the error page by ourselves.

TemplateSyntaxError at /blogs/

Could not parse the remainder: '{{post.userdetails.username}}' from '{{post.userdetails.username}}'

Request Method: POST
Request URL: http://127.0.0.1:8000/blogs/
Django Version: 3.0.4
Exception Type: TemplateSyntaxError
Exception Value: Could not parse the remainder: '{{post.userdetails.username}}' from '{{post.userdetails.username}}'
Exception Location: C:\Users\Abhishek\lib\site-packages\django\template\base.py in __init__, line 661
Python Executable: C:\Users\Abhishek\python.exe
Python Version: 3.8.2
Python Path: ['C:\\Users\\Abhishek',
'C:\\Users\\Abhishek\\python38.zip',
'C:\\Users\\Abhishek\\DLLs',
'C:\\Users\\Abhishek\\lib',
'C:\\Users\\Abhishek',
'C:\\Users\\Abhishek\\AppData\\Roaming\\Python\\Python38\\site-packages',
'C:\\Users\\Abhishek\\lib\\site-packages']
Server time: Sun, 29 Mar 2020 17:07:27 +0000

Error during template rendering

In template C:\Users\Abhishek\blogs\templates\blogs\dashboard.html, error at line 4

Could not parse the remainder: '{{post.userdetails.username}}' from '{{post.userdetails.username}}'

I got this error because I put {{ }} around the required parameters in if condition which should not be done. Again I found the solution from stackexchange as someone already had this problem and someone else had posted the solution.