Lab 15

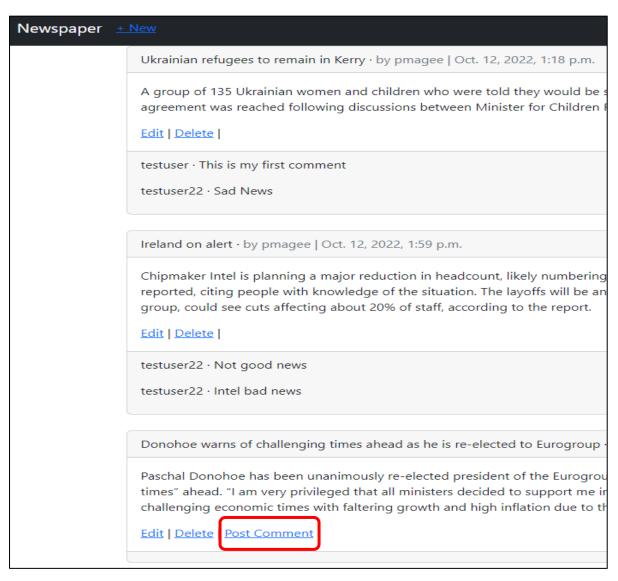
Add a Comment on an Article on the Web site

This exercise is an extension of the lab 6 lab exercise which covered a one to many relationships between Article and Comment. A comment could be added about an article but only in **Django Admin**. Here we extend the project so that a user can post a comment on the actual website.

You will need to have a working version of lab 6 in order to do this exercise.

Step 1: Do not allow a user to comment on an article they have written

On the article list page, we see the list of articles and the authors. In the output below the username is only allowed to comment on articles that they have **not** written. The username pmagee is logged in and can only post a comment on one of the three articles:



To implement this check, add the following code to **article_list.html**:

Add the following code to articles/views.py:

```
from .models import Article, Comment

from .forms import CommentForm

from django.shortcuts import get_object_or_404, render, redirect
```

```
def add_comment(request, pk):
    article = get_object_or_404(Article, pk=pk)
    form = CommentForm(request.POST)
    if form.is_valid():
        author = request.user
        comment = form.cleaned_data['comment']
        commentObject = Comment(article=article, comment=comment, author=author)
        commentObject.save()

form = CommentForm()
    context = {
        "article":article,
        "form":form

return render(request, 'comment_new.html',context)
```

Create a **forms.py** file inside the **articles** app and add in the following code:

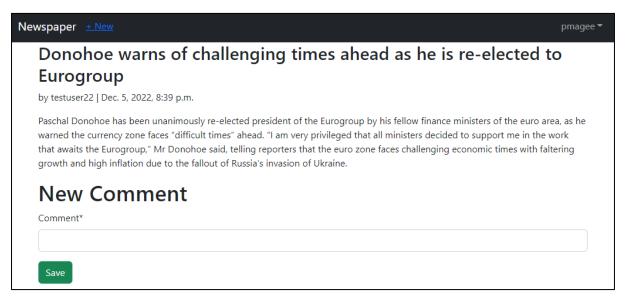
```
articles > forms.py > ...

1 from . models import Comment
2 from django import forms
3
4
5 class CommentForm(forms.ModelForm):
6 class Meta:
7 model = Comment
8 fields = ["comment"]
```

Inside the **templates** folder, create a new file called **comment_new.html** and copypaste the following code:

Open the **articles/urls.py** file and add in the following code:

Save the project and run the server and try to post a comment. In the output below when the **Post Comment** link is clicked the article details are displayed at the top of the page followed by the comment form:



In order to see the comment you need to add the following code to the article_list page:

Reload the article list page and you will see the comment at the bottom of the article:

Donohoe warns of challenging times ahead as he is re-elected to Eurogroup · by testuser22 | Dec. 5, 2022, 8:39 p.m.

Paschal Donohoe has been unanimously re-elected president of the Eurogroup by his fellow finance ministers of the euro area, as he warned the currency zone faces "difficult times" ahead. "I am very privileged that all ministers decided to support me in the work that awaits the Eurogroup," Mr Donohoe said, telling reporters that the euro zone faces challenging economic times with faltering growth and high inflation due to the fallout of Russia's invasion of Ukraine.

Edit | Delete | Post Comment

pmagee · Not good news

Stop the server and run the following git commands to update the local and remote repositories:

git add -A
git commit -m "lab 6 Add a Comment commit"
git push -u origin main