**SHELL**

(venv) valentinaaseeva@MacBook-Air-Valentina newa % python3 manage.py shell

Python 3.8.10 (v3.8.10:3d8993a744, May 3 2021, 09:09:08)

[Clang 12.0.5 (clang-1205.0.22.9)] on darwin

Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> from fstep.models import \*

USERS:

>>> u1 = User.objects.create\_user(username='Din')

>>> u2 = User.objects.create\_user(username='Sam')

>>> Author.objects.create(authorUser=u1)

<Author: Author object (1)>

>>> Author.objects.create(authorUser=u2)

<Author: Author object (2)>

CATEGORIES:

>>> Category.objects.create(name='IT')

<Category: Category object (1)>

>>> Category.objects.create(name='Books')

<Category: Category object (2)>

>>> Category.objects.create(name='History')

<Category: Category object (3)>

>>> Category.objects.create(name='Politics')

<Category: Category object (4)>

POSTS:

>>> author1 = Author.objects.get(id=1)

>>> author2 = Author.objects.get(id=2)

>>> author1

<Author: Author object (1)>

>>> author2

<Author: Author object (2)>

>>> Post.objects.create(author=author1, categoryType='NW', title='title', text='text')

<Post: Post object (1)>

>>> Post.objects.create(author=author1, categoryType='AR', title='title', text='text')

<Post: Post object (2)>

>>> Post.objects.create(author=author2, categoryType='AR', title='title', text='text')

<Post: Post object (3)>

>>> Post.objects.get(id=1).postCategory.add(Category.objects.get(id=1))

>>> Post.objects.get(id=1).postCategory.add(Category.objects.get(id=2))

>>> Post.objects.get(id=3).postCategory.add(Category.objects.get(id=3))

>>> Post.objects.get(id=2).postCategory.add(Category.objects.get(id=4))

COMMENTS:

>>> Comment.objects.create(commentPost=Post.objects.get(id=1), commentUser=Author.objects.get(id=1).authorUser, text='text')

<Comment: Comment object (1)>

>>> Comment.objects.create(commentPost=Post.objects.get(id=1), commentUser=Author.objects.get(id=2).authorUser, text='text')

<Comment: Comment object (2)>

>>> Comment.objects.create(commentPost=Post.objects.get(id=2), commentUser=Author.objects.get(id=1).authorUser, text='text')

<Comment: Comment object (3)>

>>> Comment.objects.create(commentPost=Post.objects.get(id=3), commentUser=Author.objects.get(id=2).authorUser, text='text')

<Comment: Comment object (4)>

LIKES/DISLIKES:

>>> Post.objects.get(id=1).like()

>>> Post.objects.get(id=1).like()

>>> Post.objects.get(id=1).like()

>>> Post.objects.get(id=1).dislike()

>>> Post.objects.get(id=1).like()

>>> Post.objects.get(id=2).like()

>>> Post.objects.get(id=2).like()

>>> Post.objects.get(id=2).dislike()

>>> Post.objects.get(id=2).dislike()

>>> Post.objects.get(id=2).dislike()

>>> Post.objects.get(id=3).like()

>>> Post.objects.get(id=3).like()

>>> Post.objects.get(id=3).like()

>>> Post.objects.get(id=3).like()

>>> Post.objects.get(id=3).like()

>>> Post.objects.get(id=3).dislike()

>>> Post.objects.get(id=3).like()

>>> Comment.objects.get(id=1).like()

>>> Comment.objects.get(id=1).dislike()

>>> Comment.objects.get(id=2).like()

>>> Comment.objects.get(id=2).like()

>>> Comment.objects.get(id=3).like()

>>> Comment.objects.get(id=4).like()

>>> Comment.objects.get(id=4).dislike()

UPDATE RATING:

>>> a1 = Author.objects.get(id=1)

>>> a2 = Author.objects.get(id=2)

>>> a1.update\_rating()

>>> a1.ratingAuthor

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>>> a2.update\_rating()

>>> a2.ratingAuthor

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SORT (AUTHORS):

>>> b = Author.objects.order\_by('-ratingAuthor')[:1]

>>> for i in b:

... i.ratingAuthor

... i.authorUser.username

...

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'Sam'

SORT(POSTS):

>>> p = Post.objects.order\_by('-rating')

>>> p

<QuerySet [<Post: Post object (3)>, <Post: Post object (1)>, <Post: Post object (2)>]>

>>> for i in p1:

... i.author.authorUser.username

... i.dateCreation

... i.rating

... i.title

... i.preview()

...

'Sam'

datetime.datetime(2023, 11, 5, 19, 16, 46, 55014, tzinfo=datetime.timezone.utc)

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'title'

'text...'

SORT(COMMENTS):

>>> Post.objects.order\_by('-rating')[0].comment\_set.all().values('dateCreation', 'commentUser\_id', 'rating', 'text')

<QuerySet [{'dateCreation': datetime.datetime(2023, 11, 5, 19, 30, 56, 258355, tzinfo=datetime.timezone.utc), 'commentUser\_id': 2, 'rating': 0, 'text': 'text'}]>

>>>