



gamerAlley

A videogames-based
social network

Antonio Pelusi
129300



What is gamerAlley

It's a videogame-based social network that allows users to create a **post** about your favorite video game, which contains a **tag** indicating the genre of that videogame.

This allow the user to see all the posts of a certain genre in a single **community feed**.

It also implements the ability to add other people to the friends list.

[more details](#)

FEATURES



Post

- Create post
- Edit post
- Delete post
- Upvote
- Add image
- Add genre tag
- Write comments

Relationship

- Send friend request
- Accept friend request
- Reject friend request
- Remove friend

Profile

- Create account
- Edit account
- Login
- Logout

Genre tags

- Search for a videogames genre
- clickable tag in a post



Frameworks and Libraries

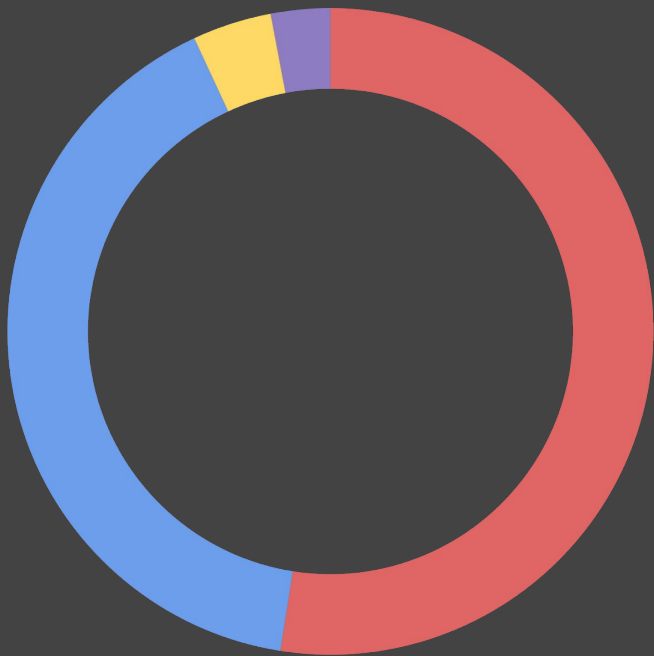
Back-end framework: **django**

Front-end framework: **Semantic UI**

Libraries: **django-allauth** **pillow**



USED LANGUAGES



HTML 53%

Python 41%

Javascript 4%

CSS 2%



HOW TO INSTALL

- Clone this repository with `git clone https://github.com/antoniopelusi/GamerAlley.git`
- Move to the `GamerAlley/GamerAlley` directory where is located the `manage.py` file inside the project
- Create the virtual environment and install all the libraries with `pipenv install django pillow django-allauth`
- To activate this project's virtualenv run `pipenv shell`
- Set up the database with `python manage.py makemigrations` and `python manage.py migrate`
(*there is already a database with some **profile**, **posts**, **comments** and **relationships** to test the website*)
- Run the server with `python manage.py runserver`



MAJOR SECTIONS



POSTS



PROFILES



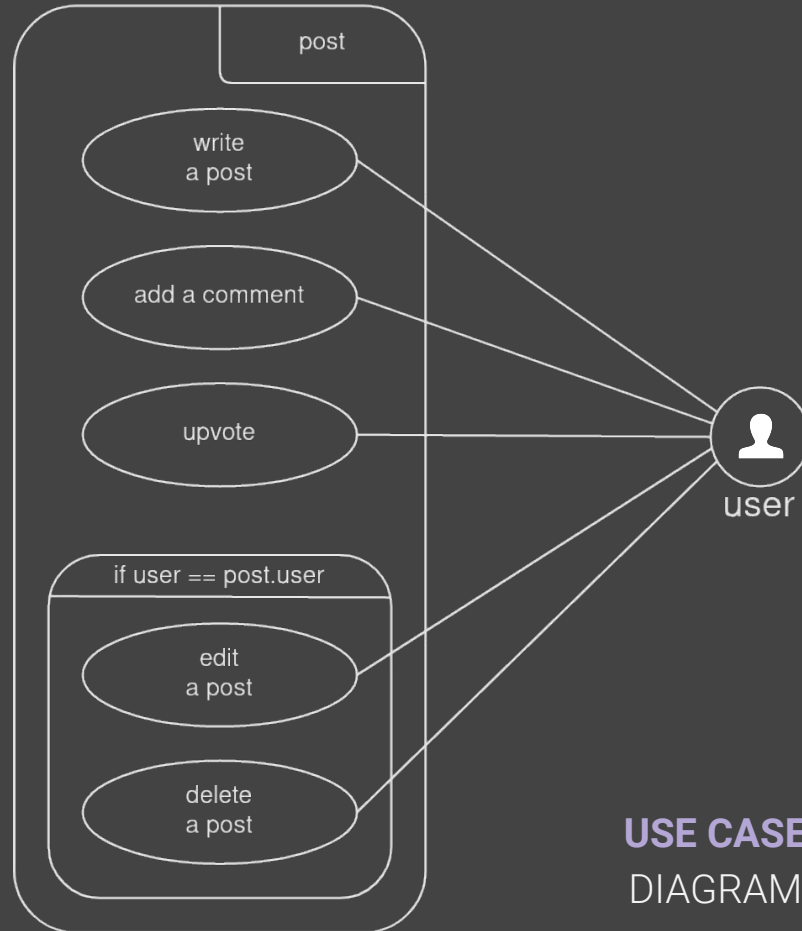
RELATIONSHIPS



TAGS



POSTS



USE CASE
DIAGRAM



PROFILE DATA

Username (*unique*)

First name

Last name

Bio

Number of friends

Number of posts

Number of upvotes given

Number of upvotes received

Slug (*for the URL*)

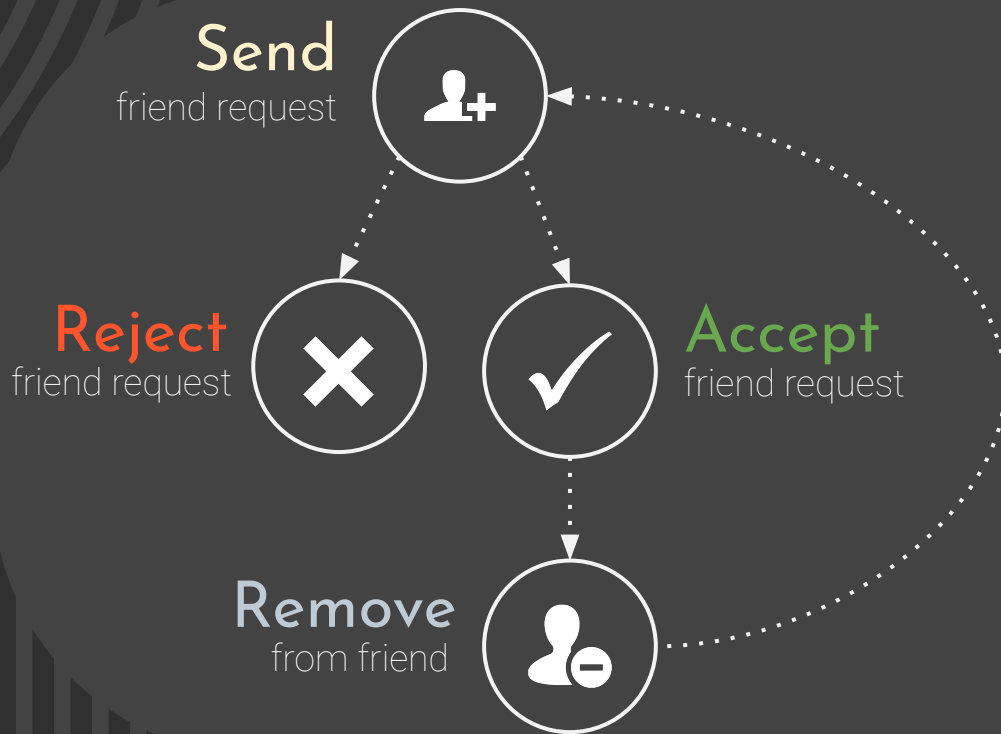
PROFILES



relationship



RELATIONSHIPS





TAGS



Search

for a **tag** in the search bar

or

Click

on a **tag** in a **post**

Show the
community
of this **tag**
that contain
all the **posts**
marked with this tag



DATABASE



USERS

*default django
database*

in sync with



PROFILES

- Profiles
- Relationship

create and own



POSTS

- Posts
- Comments
- Upvotes

Every time a new **Profile** is created, a new **User** is automatically created.

A **Post** is created and owned by an **User**.



Total tests: 20

TESTS



Profiles app tests:

- Urls resolver tests
- Views tests (*test client*)
 - GET
 - POST
- Models tests
- Forms tests

Total profiles tests: 12

Posts app tests:

- Urls resolver tests
- Views tests (*test client*)
 - GET
 - POST
- Models tests
- Forms tests

Total posts tests: 8

results and details



TESTS



- ✓ **x6** urls resolver tests
- ✓ **x2** views tests (*test client*)
- ✓ **x2** models tests
- ✓ **x2** forms tests

```
$ python manage.py test profiles/tests
Creating test database for alias 'default'...
System check identified no issues (0 silenced).
.....
-----

Ran 12 tests in 0.281s

OK
```

`python manage.py test profiles/tests`

- ✓ **x3** urls resolver tests
- ✓ **x2** views tests (*test client*)
- ✓ **x1** models tests
- ✓ **x2** forms tests

```
$ python manage.py test posts/tests
Creating test database for alias 'default'...
System check identified no issues (0 silenced).
.....
-----

Ran 8 tests in 0.221s

OK
```

`python manage.py test posts/tests`



gamerAlley

SCREENSHOTS
gallery



SIGN UP

gamerAlley

Login

Sign Up

Already have an account? Then please [sign in](#).

E-mail:

E-mail address

Username:

Username

Password:

Password

Password (again):

Password (again)

Sign Up





SIGN IN

gamerAlley

Login

Sign In

If you have not created an account yet, then please [sign up](#) first.

E-mail:

Password:

Remember Me: ☐

Sign In





SIGN OUT

gamerAlley

Feed

Friends ▾

community

Search



antoniopelusi

Logout

Sign Out

Are you sure you want to sign out?

Sign Out





HOME FEED

pt. 1

gamerAlley

Feed

Friends ▾


community

Search

antoniofelusi

Logout

@antoniofelusi · 15 hours, 35 minutes ago



Viper buff on next patch. New meta incoming. I'm excited!!!

4 upvotes

3 comments

show / hide comments

Add a comment...

Send

#fps

Upvote

New post

Click on the **button** to open the form to create a new post

Click on the **tag** to open the community feed

Click on the **button** to Upvote

The page don't refresh after clicking a button thanks to **Ajax**



HOME FEED

pt. 2

gamerAlley

Feed

Friends


community

Search

antoniopelusi

Logout

@antoniopelusi · 15 hours, 35 minutes ago



Viper buff on next patch. New meta incoming. I'm excited!!!

4 upvotes

3 comments

show / hide comments

Upvote

Add a comment...

Send

New post

Search a tag in the search bar.

Try to search 'fps' !

Click on this buttons to edit or delete this post

this two buttons appear on the post only if you are the owner



New post

Content:

Tags: adventure

Image:

Browse... No file selected.


Send


ADD POST

ADD COMMENT

2 upvotes
2 comments

show / hide comments Upvote

 antoniopelusi-19-05-2021
Just 25\$, lol

 valentinorossi-19-05-2021
motoGP still better.

Add a comment...

Send



gamerAlley

Feed

Friends ▾

community

Search



antoniopelusi

Logout

Update post

Content:

Viper buff on next patch. New meta incoming, I'm excited!!!

Tags: fps

Image: Currently: posts/6-img.jpg



Change:

Browse...

No file selected.



Submit

EDIT POST

gamerAlley

Feed

Friends ▾

community

Search



antoniopelusi

Logout

Delete post?

Are you sure you want to delete the post?



Submit

DELETE POST



PROFILE **DETAIL**

gamer**Alley**

Feed

Friends ▾

community

Search



antoniopelusi

Logout

my profile: **antoniopelusi**



Update profile

Show profile feed

Feed



Username	antoniopelusi
First name	Antonio
Last name	Pelusi
Bio	🎸 Guitar Player
Number of friends	1
Number of posts	3
Number of upvotes given	3
Number of upvotes received	11

Click on this
button to
update your
profile info



MY FEED


gamerAlley

Feed


Friends ▾

community

Search

 antoniopelusi

Logout





antoniopelusi

Posts	3
Upvotes given	3
Upvotes received	11
Friends	1

Go back to profile:

Profile ↗

 @antoniopelusi · 21 hours, 44 minutes ago



Viper buff on next patch. New meta incoming. I'm excited!!!

#fps

4 upvotes

3 comments

show / hide comments

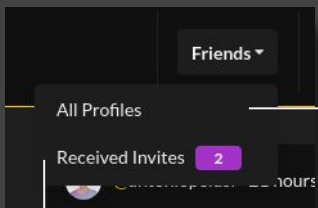
Upvote

Add a comment...

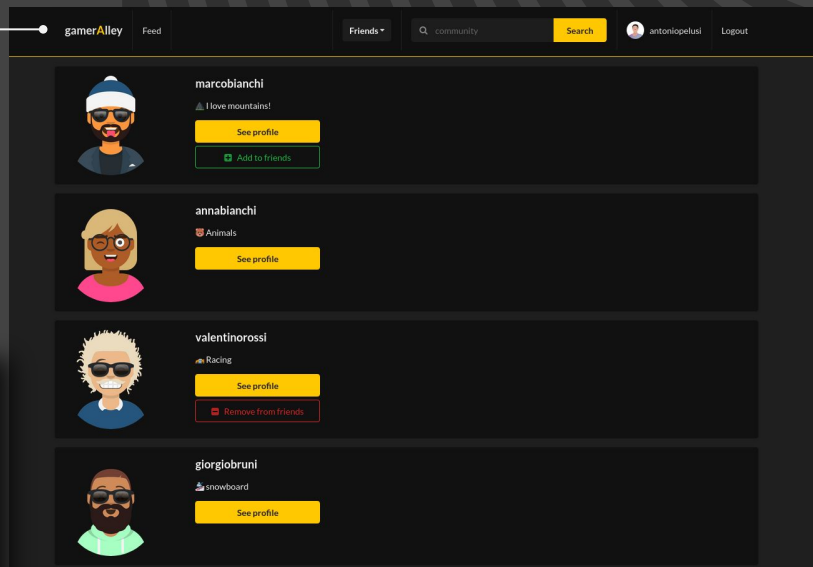
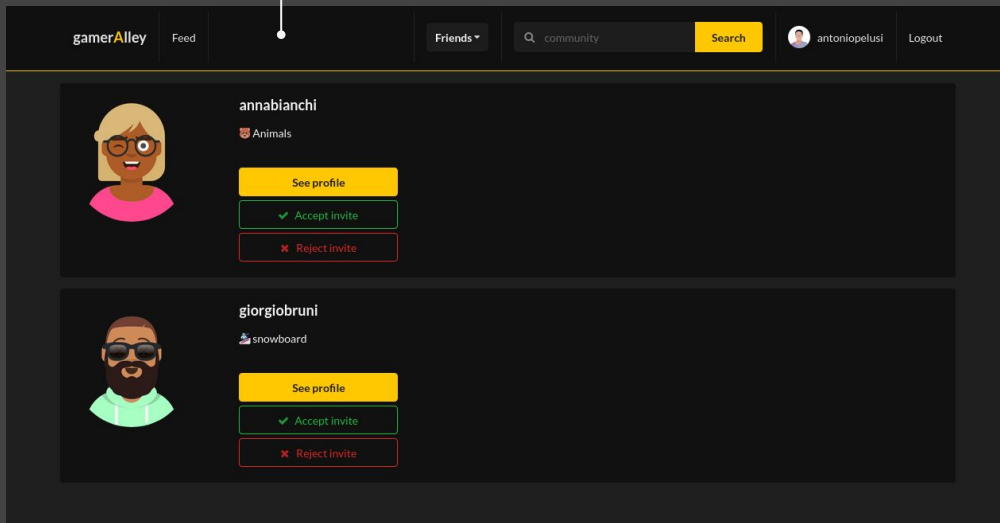
Send



on the navbar



ACCEPT / REJECT
INVITE



ADD / REMOVE
FRIENDS



TAG FEED

gamerAlley

Feed

Friends ▾

community


Search

antoniopelusi

Logout

Tag: #fps

@antoniopelusi - 22 hours, 37 minutes ago



Viper buff on next patch. New meta incoming, I'm excited!!!

#fps

4 upvotes

3 comments

show / hide comments

Upvote

Add a comment...

Send