

GROUP PROJECT

SAE302 : Communicative
Application



SUMMARY

1. Presentation of the project
2. Presentation of our application
3. Details of our application
4. How we could improve our application
5. Difficulties we faced
6. Conclusion

INTRODUCTION

The goal of this project

⇒ Develop a communicative application.

⇒ Interactions

⇒ Total freedom

Liberty of choice :

- Type of application
- Programming language
- Features and functionalities

OUR TEAM



CALPETARD Mahé



BARBIER Maxens



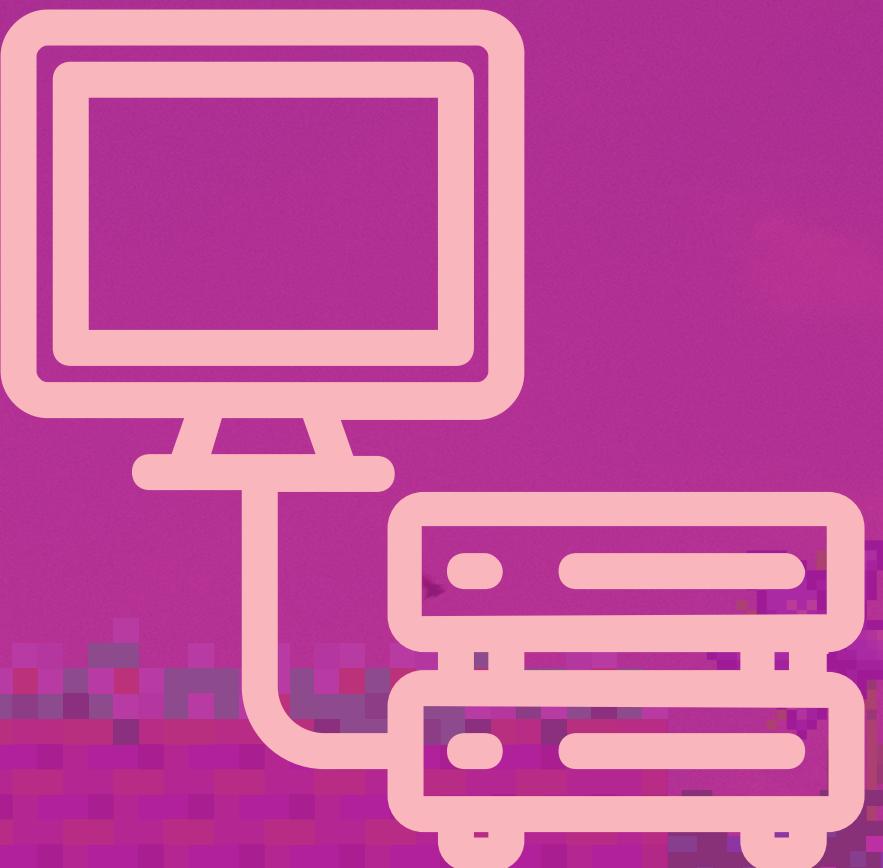
CHÉLONÉ Émilie

ACTIV



MEOW CONNECT

- Client-server application
- Handles Multiple connections
- User-friendly.



III. APPLICATION PRESENTATION

GITHUE

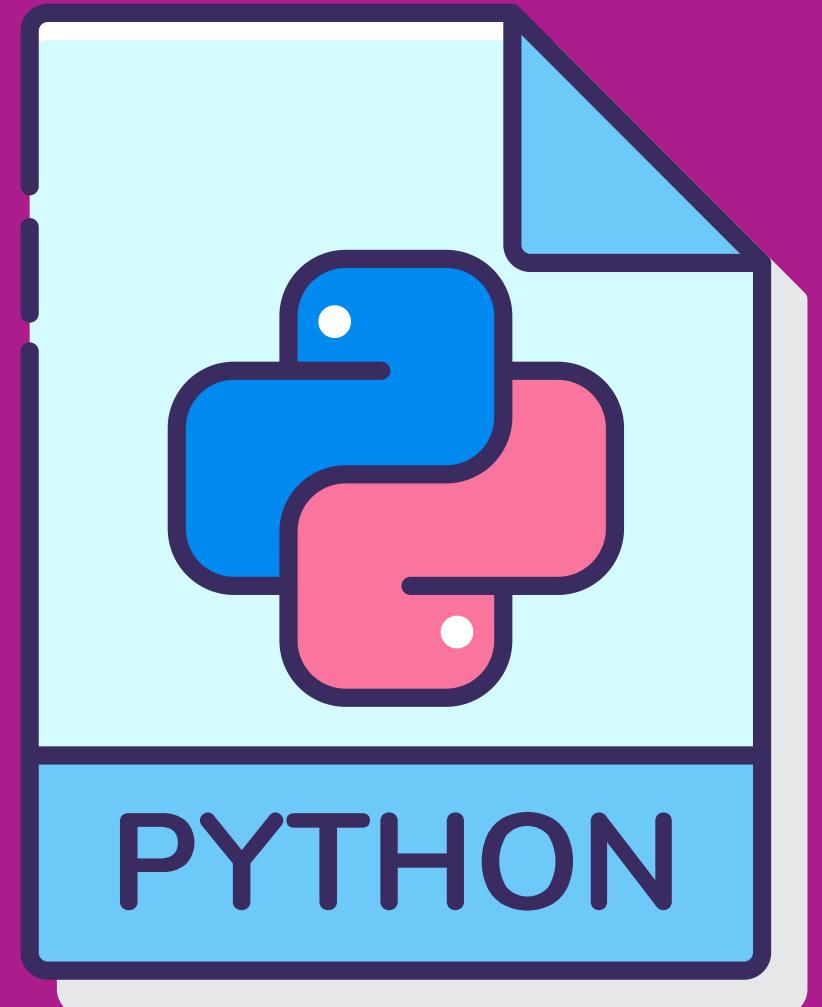
 depressxiii Add files via upload	b966806 · 2 years ago	15 Commits
 README.txt Add files via upload	2 years ago	
 clairo.mp3 Add files via upload	2 years ago	
 clientbuild.py Add files via upload	2 years ago	
 girlcat.gif Add files via upload	2 years ago	
 pix.jpg Add files via upload	2 years ago	
 pixi.ico Add files via upload	2 years ago	
 requirement.txt Add files via upload	2 years ago	
 serverbackend.py Add files via upload	2 years ago	
 serverbuild.py Add files via upload	2 years ago	

LANGUAGE USED

Language : **PYTHON**

Advantages of Python :

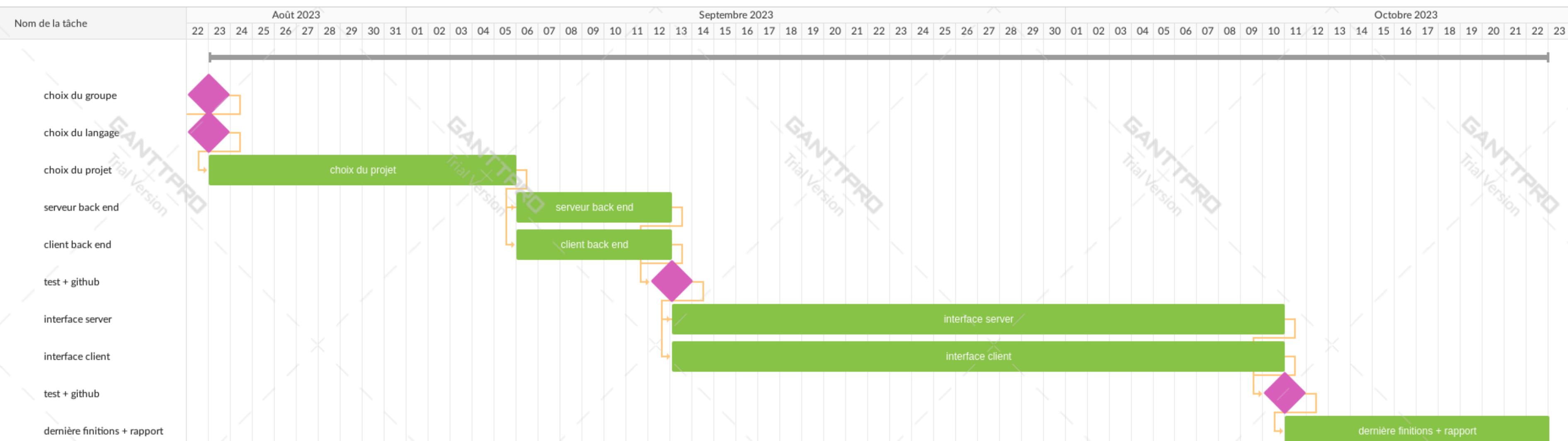
- Easy to learn
- Cross-platform compatibility
- Large standard library
- Versatile



III. APPLICATION DETAILS

GANTT

My Team | SAE302



III. APPLICATION DETAILS

FUNCTIONALITIES

- serverbuild.py

Application interface appared

Start the listening until a client is connected

Start the animations

- serverbackend.py

Manage conversation between client and
server

- clientbuild.py

Define user name

Send and print messages

```
PS C:\Users\emili\Desktop\Mew-Connect-V2> python.exe .\serverbuild.py
pygame 2.5.1 (SDL 2.28.2, Python 3.11.6)
Hello from the pygame community. https://www.pygame.org/contribute.html
Le serveur est sur écoute... Patientez un moment
```

Live Share UTF-8 CRLF Python 3.11.6 64-bit (microsoft store) Go Live

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
Python 3.11.6)
Hello from the pygame community. https://www.pygame.org/contribute.html
Le serveur est sur écoute... Patientez un moment
Connecté a ('127.0.0.1', 54088)
```

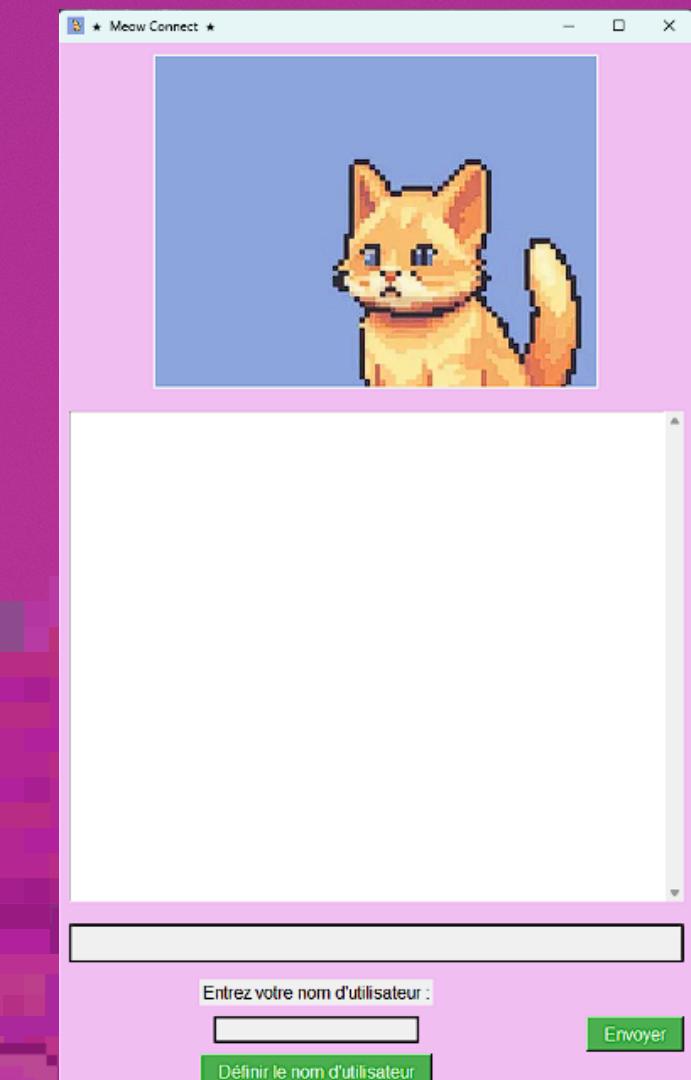
III. APPLICATION DETAILS

VISUALS

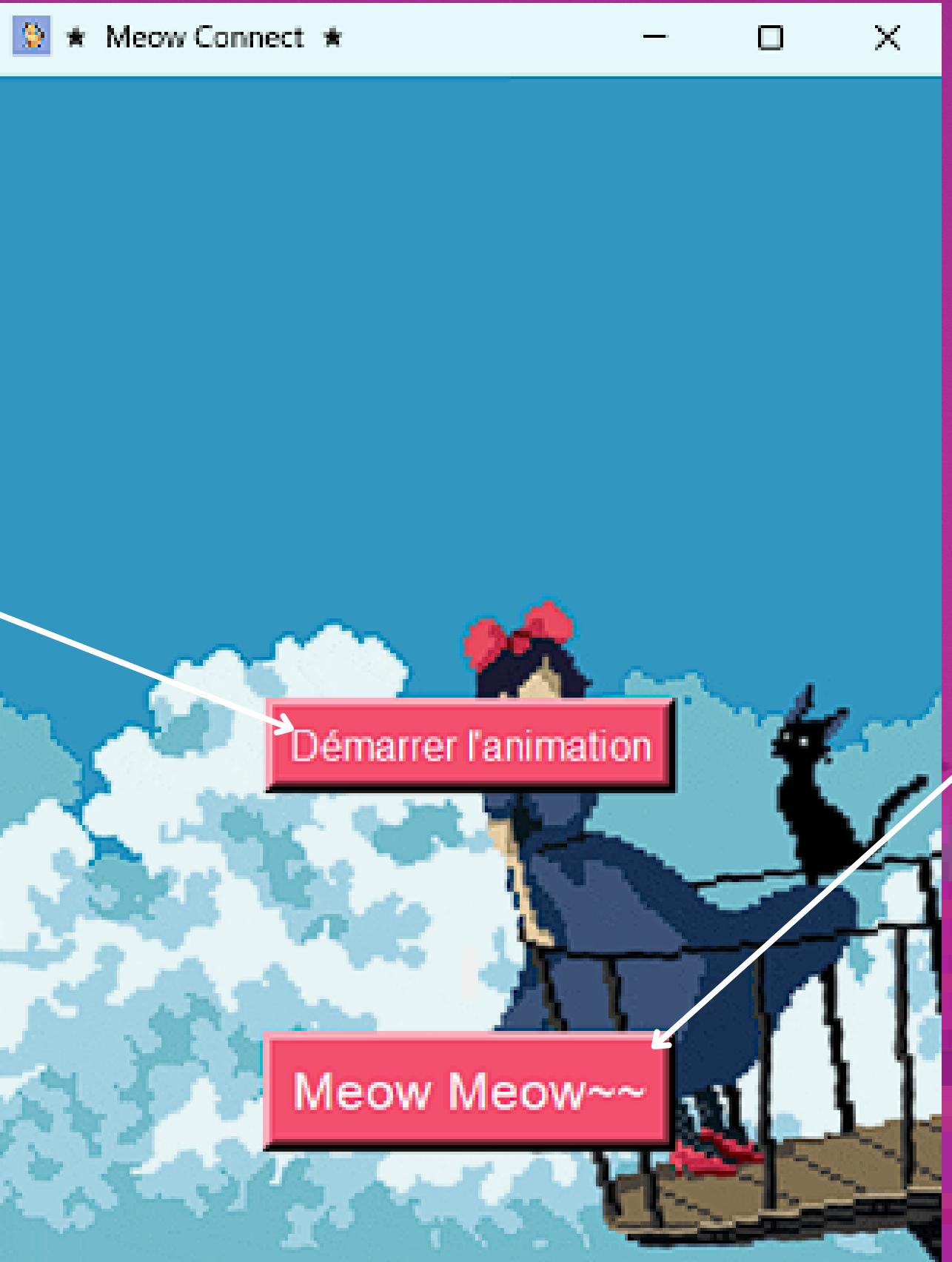
SERVER INTERFACE



CLIENT INTERFACE



SERVER INTERFACE



This button activate the background animation for a better experience

Click here to launch the server script

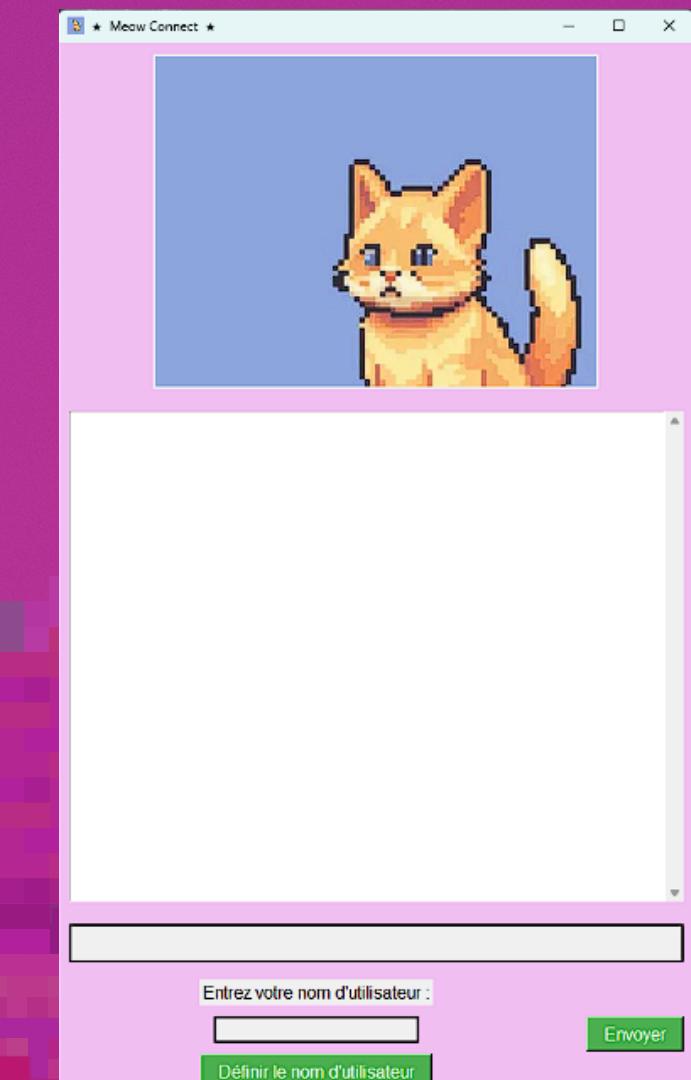
III. APPLICATION DETAILS

VISUALS

SERVER INTERFACE



CLIENT INTERFACE



CLIENT INTERFACE



1 Define your
username here

2 Type your
message here

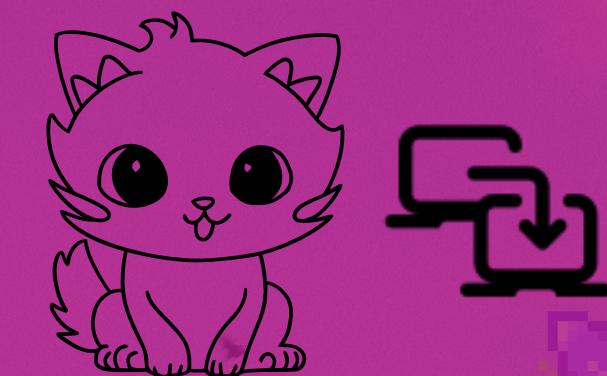
IV. APPLICATION IMPROVEMENTS

WHAT WE COULD ADD

1. Send photos and videos



2. Add screensharing



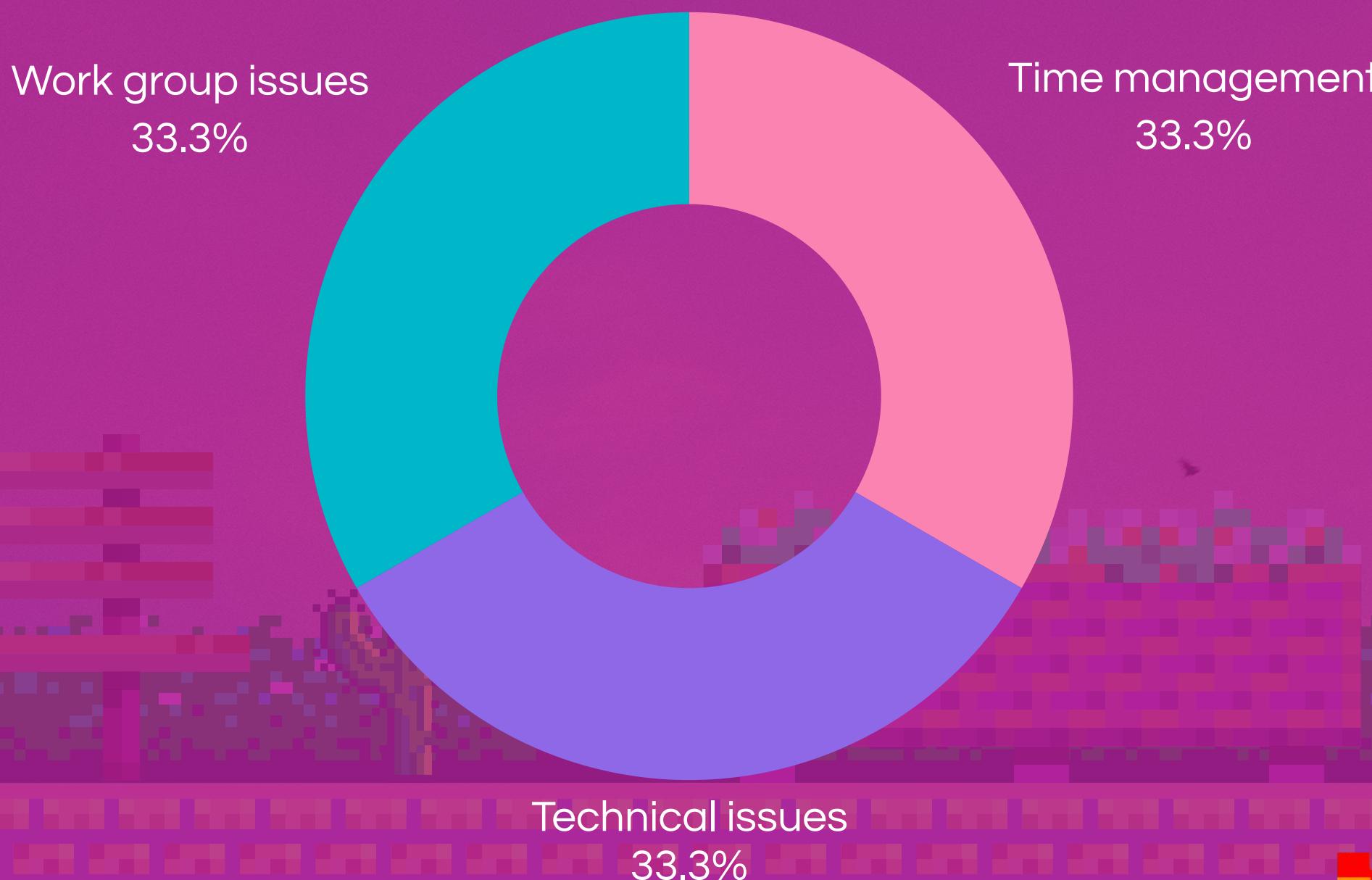
3. Private channel



4. Addition of interactive links

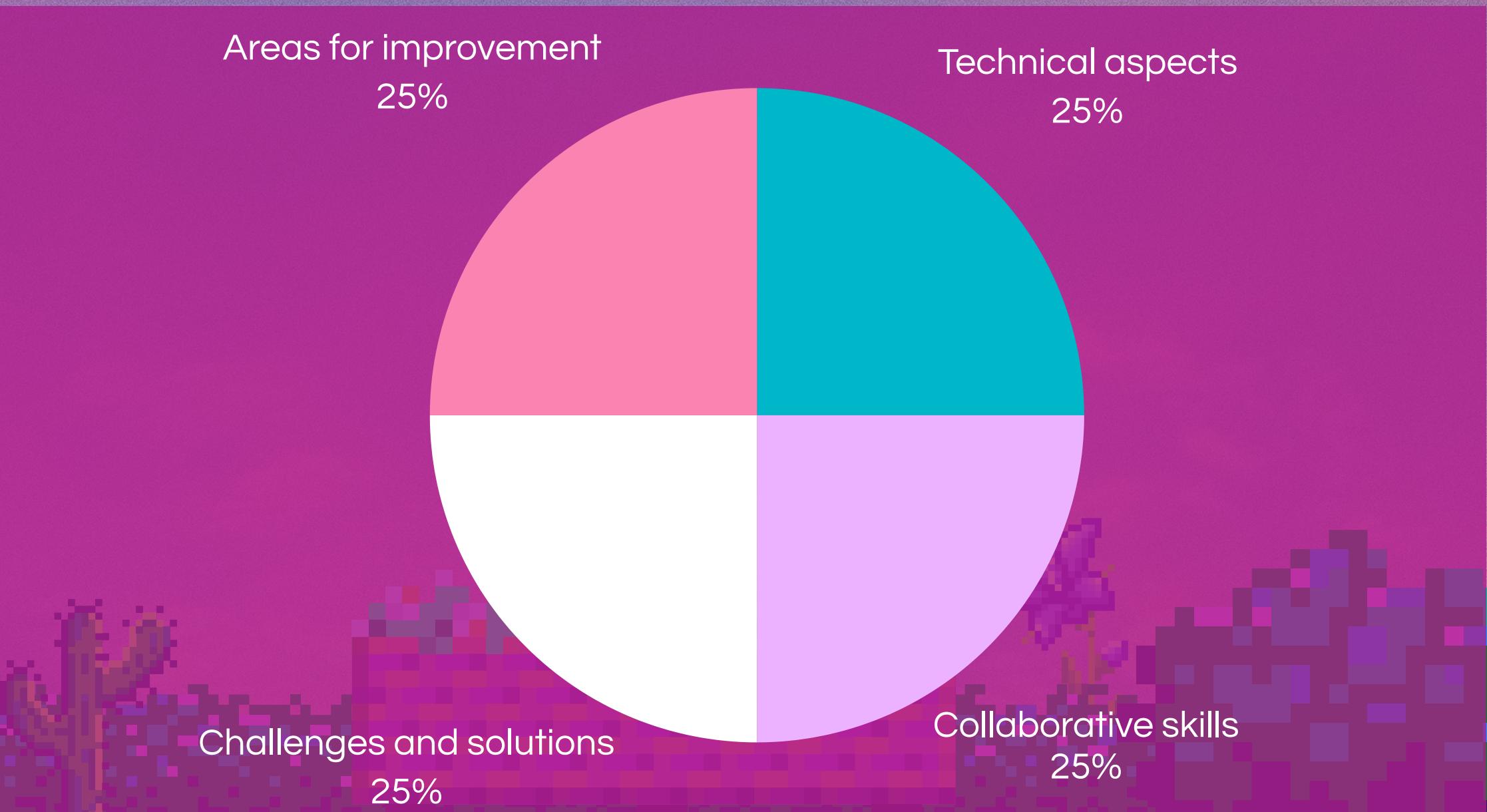


DIFFICULTIES



VI. CONCLUSION

CONCLUSION



THANK YOU

