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SCALE FOR PROJECT FT_TRANSCENDENCE

You should evaluate 3 students in this team

Git repository

```
git@vogsphere-v2.42.fr:vogsphere/intra-uuid-a1dcad91-adaf-45ec-8a0b-
```

Introduction

Please comply with the following rules:

- Remain polite, courteous, respectful and constructive throughout the evaluation process. The well-being of the community depends on it.

- Identify with the student or group whose work is evaluated the possible dysfunctions in their project. Take the time to discuss and debate the problems that may have been identified.

- You must consider that there might be some differences in how your peers might have understood the project's instructions and the scope of its functionalities. Always keep an open mind and grade them as honestly as possible. The pedagogy is useful only and only if the peer-evaluation is done seriously.

Guidelines

- Only grade the work that was turned in the Git repository of the evaluated student or group.

- Double-check that the Git repository belongs to the student(s). Ensure that the project is the one expected. Also, check that 'git clone' is used in an empty folder.

- Check carefully that no malicious aliases was used to fool you and make you evaluate something that is not the content of the official repository.

- To avoid any surprises and if applicable, review together any scripts used to facilitate the grading (scripts for testing or automation).

- If you have not completed the assignment you are going to evaluate, you have to read the entire subject prior to starting the evaluation process.

- Use the available flags to report an empty repository, a non-functioning program, a Norm error, cheating, and so forth.
In these cases, the evaluation process ends and the final grade is 0, or -42 in case of cheating. However, except for cheating, student are strongly encouraged to review together the work that was turned in, in order to identify any mistakes that shouldn't be repeated in the future.

- Remember that for the duration of the defence, no segfault, no other unexpected, premature, uncontrolled or unexpected termination of the program, else the final grade is 0. Use the appropriate flag.
You should never have to edit any file except the configuration file if it exists. If you want to edit a file, take the time to explicit the reasons with the evaluated student and make sure both of you are okay with this.

- You must also verify the absence of memory leaks. Any memory allocated on the heap must be properly freed before the end of execution.
You are allowed to use any of the different tools available on the computer, such as leaks, valgrind, or e_fence. In case of memory leaks, tick the appropriate flag.

Attachments

subject.pdf

General instructions

Preliminary tests

- Ensure the docker compose file is at the root of the repository.
- Run the "docker-compose up --build" command.
- Since the rating of this project is more flexible, do not stop the evaluation process unless you encounter a 500 error, a crash, or anything that actually doesn't work within the project scope.

Yes No

Backend

- The backend must be developed using the NestJS framework.
- The database must be a PostgreSQL database.
- During the whole evaluation process, there must be no unhandled warning or error.

Yes No

Frontend

- The frontend must be done using in TypeScript framework.
- Any TypeScript/JavaScript library is allowed.
- During the whole evaluation process, there must be no unhandled warning or error.

Yes No

Basic checks

- The website is available at the address chosen by the students.
- The user can login using the 42 Intranet OAuth system.
- When logged for the first time, the user is prompted to add information to their account (display name/nickname, avatar, and so forth).
- If not logged, the user has access to only little or no information and is prompted to sign in.
- The website is a Single Page Application. The user can use the "back" and "forward" buttons of the web browser.
- You can browse the website using the latest version of Chrome, Firefox or Safari without encountering any problems or errors.

Yes No

The website

Security concerns

Ensure that the website is secured. Check the database to verify that passwords are encrypted. Check the server for server-side validation/sanitization on forms and any user input. If this isn't done, the evaluation ends now.

Yes No

User profile - private

- When logged in, the user has access to their profile where they can edit their information. For instance, they can change their nickname (which must be unique) or their avatar (which is a default avatar if no set).

Yes No

User profile - public

- Users can see the profile of other users. A profile contains basic informations such as their nickname, their avatar, or a button to add them as friends.
User can block other users. This means they won't receive private messages from the accounts they blocked nor view their messages in public/private channels.

Yes No

Friend interface

- The user has access to a friends interface, where they can see the friends and their status (offline/online/in a game/and so forth). They also have access to basic informations about their friends (nickname, avatar and so forth).

Yes No

2FA

- The user can enable/disable 2FA (two-factor authentication). If enabled, they must pass it in order to sign in. For example, 2FA can use Google Authenticator, a text message, an email, and so forth.

Yes No

Chat interface

Join/leave channels

- A logged in user can access the website chat service. Joining/leaving channels is a manual action. For example, this means it must not be done at login or the user has to click a "leave channel" button or something like that. The user can join channels that can be already created to have a chat. Some of them can be password-protected. If so, the user has to enter the correct password in order to join the channel.

Yes No

Chat usage

- The users can chat. Messages must be sent/received instantly.
- If the user blocked another user, the messages from the blocked person must be hidden. The user can access the user profile of other players from the chat interface and also invite them for a Pong duel.

Yes No

Creating channels

- The user can create new channels. The channel creator is set as the channel owner and has basic moderations rights (ban/mute users, add/remove/promote the channel set new administrators, and so forth).

Yes No

Channel roles

A user who is an owner of a channel can kick, ban, mute other users and the channel administrators.
A user who is an administrator of a channel can kick, ban mute other users, but not the channel owners.

Yes No

The game

Matchmaking system

When logged in, the user has access to a matchmaking system so they can play Pong 1v1 games versus other players on the website. When they get matched, a new game is loaded and the two users can start playing.

Yes No

Gameplay

The game itself must be playable and respect the original Pong game.
The controls must be intuitive or correctly explained (with some rules or manual). When a game is over, either a kind of end-game screen is displayed or the game page just exits.

Yes No

Spectactor mode

There is a spectator mode. The user can watch any live games. They can be accessed through the chat interface or the friend interface.
There can also be a page dedicated to live games from which the user can access any of them.

Yes No

Lags & disconnects

Unexpected disconnections and lags have to be handled. The game and the website must not crash when a user is experiencing lags or is disconnected. Handling such issues in an efficient way is appreciated but not mandatory:
- Pause the game for a defined duration.
- Disconnected users can reconnect.
- Lagging users can catch up to the match.
- And so forth.
Any solution is acceptable. The only requirement is: the game should not crash.

Yes No

Additionnal features

The user can enjoy extra features such as power-ups, different maps, achievements, and so forth.

Yes No

Ratings

Don't forget to check the flag corresponding to the defense

Ok | Outstanding project

Empty work | Incomplete work | Cheat | Crash | Incomplete group

Concerning situation | Forbidden function

Conclusion

Leave a comment on this evaluation

Super projet ! Je vous aime ! <3

Finish evaluation