

<https://profile.intra.42.fr>


Remember that the quality of the defenses, hence the quality of the of the school on the labor market depends on you. The remote defences during the Covid crisis allows more flexibility so you can progress into your curriculum, but also brings more risks of cheat, injustice, laziness, that will harm everyone's skills development. We do count on your maturity and wisdom during these remote defenses for the benefits of the entire community.

SCALE FOR PROJECT HYPERTUBE (/PROJECTS/HYPERTUBE)

You should evaluate 3 students in this team



Git repository

`git@vogsphere-v2.hive.fi:vogsphere/intra-uuid-1b6e2d5e-7690-4b97-b8b1` 

Introduction

Please respect the following rules:

- Remain polite, courteous, respectful and constructive throughout the correction process. The well-being of the community depends on it.
- Identify with the person (or the group) graded the eventual dysfunctions of the work. Take the time to discuss and debate the problems you have identified.
- You must consider that there might be some difference in how your peers might have understood the project's instructions and the scope of its functionalities. Always keep an open mind and grade him/her as honestly as possible. The pedagogy is valid only if the peer-evaluation is conducted seriously.

Guidelines

- Only grade the work that is in the student or group's GiT repository.
- Double-check that the GiT repository belongs to the student or the group. Ensure that the work is for the relevant project and 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 other than the content of the official repository.
- To avoid any surprises, carefully check that both the correcting and the corrected students have reviewed the possible scripts used to facilitate the grading.
- If the correcting student has not completed that particular project yet, it is mandatory for this student to read the entire subject prior to starting the defence.
- Use the flags available on this scale to signal an empty repository, non-functioning program, a norm error, cheating etc. In these cases, the grading is over and the final grade is 0 (or -42 in case of cheating). However, with the exception of cheating, you are encouraged to continue to discuss your work (even if you have not finished it) in order to identify any issues that may have caused this failure and avoid repeating the same mistake in the future.

Attachments

 Subject (<https://cdn.intra.42.fr/pdf/pdf/6632/hypertube.en.pdf>)

Preliminaries

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An author file must be at the root of the repository.

Check with the corrected students the libraries used for the projects. Libraries executing the transfer from a torrent to a video stream are forbidden: use of libraries such as webtorrent, pulsar or peerflix are therefore considered cheating.

If cheating is noticed, the defense stops.

If at any time during defense, there is any warning, error or notice in the web console, click on the "Crash" button at the top of the scale. An error code from 500 to 599 is also considered a Crash.

 Yes

 No

Security

The subject insisted on that point: the website must be secured.

Check at least the following points:

- Password are encrypted in the database.
- Forms and uploads have correct validations.
- SQL injection isn't possible.

If at least one fails, the defense stops.

 Yes

 No

Features

User account creation and management

The app must allow a user to register asking at least for:

- an email address
- a username
- a profile picture
- a last name and a first name
- a password that is somehow protected. (An english common word shouldn't be accepted for example.)

Those information must be editable by the connected user.

 Yes

 No

User connexion

Registration and signin in must be done using Omniauth.

At least 2 strategies are asked: 42 and another one choosed by the group.

The user must then be able to connect with his username and password. He must be able to receive an email allowing him to re-initialize his password should the first one be forgotten.

To disconnect must be possible from any page on the site with one click.

 Yes

 No

Movies collection

Access

The movie collection must be accessible only to connected users.

☒ Yes

☐ No

Default display

By default, when no search is done, the movie collection must display thumbnails of most popular movies available on the application. That list can be ordered (by a criteria chose by the group).

☒ Yes

☐ No

Thumbnails

Thumbnails must be composed of the name of the movie, the production year if available, its IMBd grade and an image of the cover.

On popular videos, all of those information should logically be available.

Watched videos must be easily differentiated from the one that weren't.

☒ Yes

☐ No

Pagination and sorting

List of videos must be paginated and pages loaded automatically in an asynchrone way.

The list must be orderable by different criteria.

☒ Yes

☐ No

Search

Search engine must interrogate at least 2 external sources and limit results to videos only.

The result must be displayed as a thumbnail list ordered by name.

☒ Yes

☐ No

Video section

Access

The player is accessible only to connected users.

☒ Yes

☐ No

Video's information

More than the player, the video's section must display information on the active video.

Check with a popular video, you should have the synopsis, production year, etc.

Comments left by the users must be displayed and the active user must be able to leave a new comment.

 Yes No**Video's information**

Playing a video must run the downloading from the server using the BitTorrent protocole. As soon as the video can be watched uninterruptedly it'll start.

Downloading must be done in background in a non blocking-way.

 Yes No**Video conversion**

When the video isn't readable natively on the browser, it must be converted on the fly and then streamed. The mkv extension must be supported at least.

For example this magnet must be streamable: `magnet:?`

xt=urn:btih:79816060ea56d56f2a2148cd45705511079f9bca&dn=TPB.AFK.2013.720p.h264-

SimonKlose&tr=udp%3A%2F%2Ftracker.openbittorrent.com%3A80&tr=udp%3A%2F%2Fopen.demonii.com%3A1337&tr=udp%3A%2F%2Ftracker.coppersurfer.tk%3A6

 Yes No**Video backup**

A video already downloaded (by any user) must be saved on the server and deleted if unwatched for a month. Obviously, to watch a video already on the server musn't download it again but stream the copy on the server.

 Yes No**Subtitles**

If english subtitles are available for the video, they must be automatically downloaded and activable directly from the player.

If the language of the video isn't the same as the one by default on the user settings and there is available subtitles, they must be downloaded automatically and activable from the player.

 Yes No

Good practice

Look & Feel

The project was made during several weeks as a group, the result must be accomplished!

Is the page clear, with a header, a main section and a footer? Is the website intuitive? Is it responsive.

A basic user must be able to understand quickly how to register as well as search a movie.

Click on "Yes" if the final product is accomplished and user-friendly.

 Yes No**Compatibility**

Is the website compatible with Firefox (≥ 41) and Chrome (≥ 46)?

 Yes No**Mobile**

Is the website usable on a mobile and on very small resolution?

☒ Yes

☐ No

Bonus

RESTful API

Does the website have a RESTful API?

☒ Yes

☐ No

Additional bonus

It's possible to reward up to 5 bonuses. Their relevance and usefulness is up to the corrector.

Here is a couple of example proposed in the subject:

- additional Omniauth strategy (1 point per additional strategy).
- additional video resolution available.
- video streaming via the MediaStream API
- etc...

Rate it from 0 (failed) through 5 (excellent)



Ratings

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

☒ Ok

☐ Outstanding project

☐ Empty work

☐ Incomplete work

☐ No author file

☐ Cheat

☐ Crash

☐ Incomplete group

☐ Forbidden function

Conclusion

Leave a comment on this evaluation

Finish evaluation

Privacy policy (<https://signin.intra.42.fr/legal/terms/5>)
Terms of use for video surveillance (<https://signin.intra.42.fr/legal/terms/1>)
Rules of procedure (<https://signin.intra.42.fr/legal/terms/4>)
Declaration on the use of cookies (<https://signin.intra.42.fr/legal/terms/2>)
General term of use of the site (<https://signin.intra.42.fr/legal/terms/6>)
Legal notices (<https://signin.intra.42.fr/legal/terms/3>)