

# SCALE FOR PROJECT MATCHA (/PROJECTS/MATCHA)

## Introduction

We ask you, for the good progress of this notation:

- To remain courteous, polite, respectful, constructive during this exchange. The bond of trust between the community 42 and you depends on it.
- To highlight with the person rated (or group) any malfunctions.
- To accept that there may sometimes be differences of interpretation on the subject's requests or the range of functionalities. Stay open-minded about the other's vision (is it right or wrong?), And write down as honestly as you can.

Good defense to all!

## Guidelines

REMEMBER THAT YOU MUST CORRECT ONLY WHAT IS ON THE STUDENT'S DEPOSIT.

This is to make a "git clone" of the rendering depot, and correct what is there.

If the proofreader has not done this project yet, it is mandatory to read the entire topic before starting this defense.

## Attachments

📎 matcha (<https://cdn.intra.42.fr/pdf/pdf/6786/matcha.en.pdf>)

## preliminaries

### Preliminary instructions

Check the following items first. Attention, each of its points is eliminatory:

- The repo is well cloned and is not empty
- The file author is present, well formatted and contains the good logins

If only one of these points is not valid, the defense stop.  
It's up to you to apply the appropriate flag and note

✓ Yes

✗ No.

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### Respect for limitations

The subject allows the use of a micro-framework, and only that.

If the tool used by the student (if there is one) is not in the subject's list of suggestions, check that it is a micro-framework according to the definition of the subject.

Reminder:

`We will consider that a" micro-framework "has a router, and possibly templating, but no ORM, validators or management of user accounts.`

You will have to look at the package files if a library One of the following features must be installed:

- ORM
- Validators
- User Account Management

Also check that:

- the database used is not of type NoSQL.
- no Error tracking library (Sentry, Raven ...) configured is installed on the repo. You DO NOT have to make 500, so it's useless to catch these mistakes!

If one of the cases is verified, this is considered a case of cheating.

Select the appropriate flag and complete the evaluation.

✓ Yes

✗ No.

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### Installation and Seeding

With the evaluated, you will have to proceed to a clean installation of the necessary packages to launch its Matcha.

You will also have to hydrate his database with the script he has provided you.

Verify that the database has at least 500 different profiles.

If installing or hydrating plants, select Crash at the top of the scale and complete the correction.

✓ Yes

✗ No.

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## features

*During the defense, keep the web console within range. If only one warning, error or notice is displayed in the web console, select Crash at the top of the scale. An error code of 500 to 599 returned by the server is also considered a crash.*

### A simple launch (bis)

Launch the web server that is supposed to serve the site. This one must not produce any error.

If this is not the case, the question is counted false and you can stop it.

The webapp should work as is by starting the server.

☒ Yes

☐ No.

### User account creation

The site must be able to offer a new user registration form.

You must be able to enter:

- a username
- a first and last name
- a secure password (a simple word of French must not be accepted)
- an email address

The form must have validators client and server side for s ensure that the right data is well transmitted.

At the end of registration, it must be completed by sending an email requesting confirmation of the account by single link.

You can not sign in with this account until the link has been clicked.

If one of the points above has not been respected,

☒ Yes

☐ No.

### User login

The user must be able to log in with his credentials, and must be able to receive an email to reset his password in case of forgetfulness.

A logged in user must be able to complete an extended profile, and must be able to modify this information, as well as that provided at registration, at any time.

It is permissible for a user to access the profile search, but it must not be able to do more until its extended profile is filled.

Disconnection must be possible from any page of the site.

If one of the points above has not been respected, the question is counted false and you move on to the next.

✓ Yes

✗ No.

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### Extended profile

The user must be able to complete the following fields:

- His gender.
- His sexual orientation.
- A short bio.
- A list of interests, in the form of tags (\ #Bio, \ #NoMakeup, \ # Fixie4Ever ...)
- Images, maximum five, including one used as a profile photo. \ \

If the seed is correctly implemented, you can make a proposal of tags in a certain form (autocompletion, proposal of the top trends tags ...)

Once his profile filled, he can access the whole site.

This information can be changed at any time, once connected.

If one of the points above has not been respected, the question is counted false and you move on to the next.

✓ Yes

✗ No.

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### Profile Proposals

The user must be able to find, when he logs in, a list of suggested profiles.

This selection will not be possible until the extended profile of the user is filled.

Normally, if this extended profile is not yet filled, you should be asked to fill it out!

Relevant profiles must be offered to the user, corresponding to his sexual orientation.

If the user does not inform his sexuality, he will be considered as bisexual.

Check with the student that the profile proposals are weighted according to three criteria:

- same geographical area as the user
- maximum of common interest tags
- maximum popularity

The display must not crash or exceed a load of more than 5 seconds. By loading, I mean the total time between the display click and the complete rendering with the profiles.

You can ask the student to explain his strategy to display a list of relevant suggestions.

If one of the points above has not been respected, the question is counted false and you move on to the next.

☒ Yes

☐ No.

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### Research

The user must be able to perform an advanced search by selecting one or more criteria such as:

- age range
- popularity score range - location
- one or more tags of interest

The display must be consistent.

If one of the points above has not been respected, the question is counted false and you move on to the next.

☒ Yes

☐ No.

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### Sorting and filters

The list of profile proposals, as well as the search results, must be sortable and filterable by:

- age
- location
- popularity
- tags

If one of the points above has not been respected, the question is counted false and you move on to the next.

☒ Yes

☐ No.

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### Geolocation

The user must be geolocated to the district.

If the user does not want to be geolocated, strategies must be put in place to do it in spite of himself.

The user must be able to modify his location on his profile.

If one of the points above has not been respected, the question is counted false and you move on to the next.

☒ Yes

☐ No.

### Rating of popularity

Each user must have a popularity score.

Ask the student to explain his strategy for calculating this score, it must be consistent and a relevant minima.

If one of the points above has not been respected, the question is counted false and you move on to the next.

☒ Yes

☐ No.

### Notifications

You must be notified, in real time (we tolerate a margin of 10 seconds), of the following events:

- a "like" of his profile
- someone has visited his profile
- a user "liked" has "liked" in return
- a connected user does not "like" anymore the current user

A you to make the necessary simulations (new account, to use an account of the seed of the evaluated ...)

He must be able to see from any page that a notification has not been read.

If one of the points above has not been respected, the question is counted false and you move on to the next.

☒ Yes

☐ No.

### consultations

The user must be able to consult people who have viewed his profile.

So there must be a history of profile visits, as well as people who have "liked" it.

If one of the points above has not been respected, the question is counted false and you move on to the next.

☒ Yes

☐ No.

### Profile of other users

The public profile of a user must include all the information he has provided, except his email address and password.

It must also include its popularity score and its connection status.

If the user appears disconnected, we must see the date of his last visit.

If one of the points above has not been respected, the question is counted false and you move on to the next.

☒ Yes

☐ No.

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### User login

A user may like, and unliker, the profile of another user.

When two users have "liked each other", they are said to have matched: they can then start the conversation.

A user who does not have a photo should not be able to like another user's profile.

The profile of another user should clearly show whether he is logged in to the current user or if he "like" the current user.

If one of the points above has not been respected, the question is counted false and you move on to the next.

☒ Yes

☐ No.

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### Postponement and blocking

You can defer a profile as "false account", and block a given user.

A blocked user should no longer appear in the search results (or suggestions), and should no longer generate notifications.

An administrator can view blocking requests directly on the app, and act accordingly.

If one of the points above has not been respected, the question is counted false and you move on to the next.

☒ Yes

☐ No.

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### Cat

Two connected users can chat in real time (we allow a margin of 10 seconds).

The user must be able to see from any page that he has received a message.

If one of the points above has not been respected, the question is counted false and you move on to the next.

☒ Yes

☐ No.

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## Good practices

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### Compatibility

The site must be compatible on Firefox ( $\geq 41$ ) and Chrome ( $\geq 46$ ).

The above functionalities work, without any warning, error or log bizarre

If the above point was not respected, the question is counted false and you proceed to the next one.

✓ Yes

✗ No.

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### Mobile

The site is presentable on mobile as well as on small resolutions?

Is the layout of the site respected?

If the above point has not been respected, the question is counted as false and you move on to the next one.

✓ Yes

✗ No.

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## security

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### XSS / CSRF / TGIF / WYSIWYG / TMTC / TMNT ...

Make sure that:

- The passwords are encrypted in the database. In no case should they be in the clear.
- Of the script inserted in forms must not execute
- There is no SQL injection possible (try a connection with as password 'blabla' OR 1 = '1')

✓ Yes

✗ No.

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## bonus

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### Other bonuses

It is possible here to count up to 5 bonuses, whose usefulness and relevance are judged at the discretion of the corrector.

As an example, here are the bonuses proposed in the subject:

- Manage non-binary gender and sexual orientations more precisely
- Add OAuth strategies for the connection in addition to your own
- Load images from a social network
- Make integrated messaging accessible at any time during your selection, in footer of your webapp (a bit like on Facebook).
- Make an interactive map of users (which implies a more precise geolocation).





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

## ratings

Do not forget to check the flag

✓ Okay

📁 Incomplete work

💬 No author file

📄 cheat

💻 Crash

👥 Incomplete group

🚫 Forbidden function

## Conclusion

Leave a comment on this evaluation

Preview !!!

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