☐ ☐   **hacker**   (https://projects.intra.42.fr/scale_teams/2209770/edit#)

(https://profile.intra.42.fr/)

(https://profile.intra.42.fr/searches)

SCALE FOR PROJECT CCMN (HTTPS://PROJECTS.INTRA.42.FR/PROJECTS/CCMN)

You should evaluate 2 students in this team

☐

Git repository

vogsphere@vogsphere-2.   ☐

Introduction

Please respect the following rules:
- Remain polite, courteous, respectful and constructivethroughout the correction process. The well-being of the communitydepends on it.

- Identify with the person (or the group) graded the eventualdysfunctions of the work. Take the time to discussand debate the problems you have identified.

- You must consider that there might be some difference in how yourpeers might have understood the project's instructions and thescope of its functionalities. Always keep an open mind and gradehim/her as honestly as possible. The pedagogy is valid only if the peer-evaluation is conducted seriously.

Guidelines

- You must grade only what exists in the GiT repository of the student or team.

- Remember to check the GiT repository's ownership whether it is the student's or team's repository and whether it is the right project.

- Check thoroughly that no wicked aliases have been used to trick you into grading something other than the genuine repository.

- Any script supposed to ease the evaluation provided by one party must be thoroughly checked by the other party in order to avoid unpleasant situations.

- If the evaluating student hasn't done the project yet, it is mandatory for his or her to read it before the start of the evaluation.

- Use available flags on this scale to tag an empty work, a non-functional work, a coding style ("norm") error, if applicable, cheating, and so on. If a flag is set, the grade is 0 (or -42 in case of cheating). However, excluding the cheating case, you are encouraged to carry on discussing what went wrong, why, and how to address it, even if the grading itself is over.

Attachments

☐ Subject (https://cdn.intra.42.fr/pdf/pdf/5751/ccmn.pdf)

☐ credentials (https://projects.intra.42.fr/uploads/document/document/924/credentials.yml)

☐ Perks (https://projects.intra.42.fr/uploads/document/document/925/Perks.zip)

Mandatory part

This project uses some networking devices (Access points, Wireless LAN Controller, Cisco Connected Mobile Experiences server). Please, make sure that wi-fi is working and don't reboot during the defense. Base location technology that is used in this project works correctly in some zones, see resources. If you found some problems, please, contact bocal or Cisco Spark space or balexey@cisco.com Reminder: Remember that for the duration of the defense, no segfault, nor other unexpected, premature, uncontrolled or unexpected termination of the

program is allowed, otherwise, the final grade is 0. Use the appropriate flag. This rule is active throughout the whole defense. Information that program or app displaysor app you can also compare with original Cisco solutions, for access see resources (credential.yml).

Usability

Program or interface must display usage and navigation.

☐ Yes   ☐ No

Error management

The program must manage errors. Don't be picky, just make sure that the program or the interface will display something different than data processing errors, access to server error or lack of requested data].

What happens if the server does not return some information (respond 500, 503)?
Does program display the custom error message about a problem with the server?

☐ Yes   ☐ No

Wrong WiFi MAC address of device or xlogin

Evaluate the implementation of error management when the WiFi MAC address, which you search, contains wrong symbol (@*;_) or other. Try to find the wrong xlogin.

☐ Yes   ☐ No

Catch you

Check the WiFi MAC address (http://optimum.custhelp.com/app/answers/detail/a_id/2820/~/finding-the-mac-address-on-an-android-phone-or-android-tablet) of your or the peer's phone (tablet), type-in this mac in field. Does the program correctly display floor map?

☐ Yes   ☐ No

Correct location

Does the program correctly display your area location (with an accuracy of 5 meters)?

☐ Yes   ☐ No

Adapted messages

Can the app/program correctly display adapted messages? For example: "Hi, @xlogin or mac: 00:00:2a:01:00:06 now is on the first floor."

☐ Yes   ☐ No

Connected devices

The Program/app must display how many devices are connected to the wi-fi network. Does program display correct data?

☐ Yes   ☐ No

Number of connections

Find space or run a command that display number of connection last yesterday/last week/last month/last 30 days/last year, compare results with https://cisco-presence.unit.ua/ for access see credential.yml in resources

☐ Yes   ☐ No

Dwell time

The program should output the dwell time data. See all available periods in CMX API (https://www.cisco.com/c/en/us/td/docs/wireless/mse/10-3/api/b_cmx_103_api_reference.pdf) page 310.

☐ Yes   ☐ No

Forecasting

Can the program display a forecasting number of visitors:

- visualization (graphic or other) (1 point)

- not the trivial algorithm (1 point)

- using special forecasting model (3 point)

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

(5)   ( )

Floor congestion

Can the program display floor congestion?

☐ Yes   ☐ No

Correlations

Check correlations between:
- session duration and the day of the week (from 1 to 2 point)
- number of connections and the day of the week (from 1 to 2 point)
- some other useful correlations (2 point)

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

(5)   ( )

Graphic design

Rate graphic design of the app or the program:
- contrasting colors (1 point)
- typography (1 point)
- dependency graphs (1 point)
- visualization (1 point)
- branded design (1 point)

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

(5)   ( )

OOP

In this section, we will evaluate the object-oriented modeling.Choose from 1 (minimum) to 5 (excellent) how object-oriented programming was used
- at least one class (1 point)
- inheritance uses (2 points)
- other OOP features: encapsulation, polymorphism etc. (2 points)

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

(5)   ( )

Bonus

Check if the Spark Bot can display correctly:
- usage (1 point)
- the floor plan (2 points)
- device area location (2 points)

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

(**5**)   ( )

Other

Other useful for business bonuses (additional features, UX/UI, 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   ☐ Cheat   ₫ Crash   I Forbidden function

Conclusion

Leave a comment on this evaluation

[   ]

[**Finish evaluation**   ]