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# SCALE FOR PROJECT PISCINE JAVA (/PROJECTS/PISCINE-JAVA) / DAY 01 (/PROJECTS/PISCINE-JAVA-DAY-01)

You should evaluate 1 student in this team



Git repository

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## Introduction

The methodology of School 21 makes sense only if  
peer-to-peer assessments are done seriously.  
This document will help you to do it properly.

- Please, stay courteous, polite, respectful and constructive in all communications during this assessment. The bond of trust between community 21 and you depends on it.

- Highlight possible malfunctions of the work done by the person and take the time to discuss and debate it.

- Keep in mind that sometimes there can be differences in interpretation of the tasks and the scope of features. Please, stay open-minded to the vision of the other.

## Guidelines

- Evaluate only the files that are on the GIT repository of the student or group.

- Doublecheck that the GIT repository is the one corresponding to the student or the group as long as to the project.

- Meticulously check that nothing malicious has been used to mislead you and have you assess something except

the content of the official repository.

- If you have not finished the project yet, it is compulsory to read the entire instruction before starting the review.

- Use the special flags in the scale to report an empty or non-functional solution as long as a case of cheating.

In these cases, the assessment is completed and the final grade is 0 (or in a case of cheating is -42).

However, except for a case of cheating, you are encouraged to continue reviewing the project to identify the problems that caused the situation in order to avoid them for the next assessment.

- You must stop giving points from the first wrong exercise even if the following exercises are correct.

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## Attachments

 subject.pdf (<https://cdn.intra.42.fr/pdf/pdf/26248/en.subject.pdf>)

## Preliminaries

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### Respect the rules

- The repository contains the work of the student (or group).
- The student is able to explain their work at any time during the assessment.
- The general rules and any rules specific to the day are respected throughout the assessment.

 Yes

 No

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## Piscine Java | MODULE 01

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### Exercise 00 – Models

- Are both domain knowledge models developed?
- Do model fields match the task requirements?
- Are all model fields private?
- Do models contain validity checks for values of transaction amounts and user balance?
- Is there a program file demonstrating how the described classes work?

 Yes

 No

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**Exercise 01 – ID Generator**

- Does new identifier differ from the preceding identifier by one?
- Is Singleton pattern used to ensure existence of a single class instance?
- Does User class constructor have identifier initialization logics?
- Is "get" the only method defined for the user identifier?
- Is there a program file demonstrating how the described classes work?

☒ Yes☐ No

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**Exercise 02 – List of Users**

- Are both interface and its implementing class implemented?
- Does the class implementation imply array size increase in case of an overflow?
- Is required exception thrown when searching for a nonexistent user?
- Is there a program file demonstrating how the described classes work?

☒ Yes☐ No

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**Exercise 03 – List of Transactions**

- Are both interface and its implementing class implemented?
- Does User class contain the required field for storing a transaction list?
- Is a new transaction added within  $O(1)$ ?
- Is transaction list implemented as a linked list?
- Is a required exception thrown when searching for a nonexistent transaction?
- Is there a program file demonstrating how the described classes work?

☒ Yes☐ No

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**Exercise 04 – Business Logic**

- Does the implemented service contain all the methods specified in the task?
- Does the service have a logic for creating a transaction pair with the same identifier for recipient and sender?
- Is a required exception thrown when attempting to transfer an amount exceeding user balance?
- Do names of each additional methods of each class fully comply with their intended use?
- Is there a program file demonstrating how the described classes work?

☒ Yes☐ No

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**Exercise 05 – Menu**

- Does the program support two-mode startup?
- Does the program output a warning about invalid input data?
- Will the program output all unconfirmed transfers correctly if all transfers of a specific user are deleted in Dev mode?

☒ Yes☐ No

## Ratings

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

☒ Ok☐ ★ Outstanding project☐ Empty work☐ No author file☐ Invalid compilation☐ Norme☐ Cheat☐ Crash☐ Leaks☐ Forbidden function

## Conclusion

Leave a comment on this evaluation

Всё проверили, код  
работает. В 03

Finish evaluation

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