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Description automatically generated with medium confidence

LOG3430 -Méthodes de test et de validation du logiciel

TP4 – Test OO - MaDUM

Groupe 1

Équipe 7

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Remis à :

Hanane Ikhelef

Hiver 2022

**Matrice MaDUM**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **\_\_init\_\_** | **get\_new\_user\_id** | **get\_new\_group\_id** | **convert\_to\_unix** | **add\_new\_user** | **add\_new\_group** | **read\_users\_file** |
| **users\_data** | **C** | **O** |  |  | **T** | **T** |  |
| **groups\_data** | **C** |  | **O** |  | **T** | **T** |  |
| **users\_lookup** | **C** |  |  |  | **T** | **O** |  |
| **groups\_lookup** | **C** |  |  |  | **T** | **T** |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **read\_groups\_file** | **get\_user\_data** | **get\_groups\_data** | **get\_user\_id** | **get\_group\_id** | **modify\_users\_file** | **modify\_groups\_file** |
| **users\_data** |  | **R** |  |  |  |  |  |
| **groups\_data** |  |  | **R** |  |  |  |  |
| **users\_lookup** |  |  |  | **R** |  |  |  |
| **groups\_lookup** |  |  |  |  | **R** |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **update\_users** | **update\_groups** | **remove\_user** | **remove\_user\_group** | **remove\_group** | **remove\_group\_member** |
| **users\_data** | **T** | **O** | **T** | **T** |  |  |
| **groups\_data** |  | **T** |  |  | **T** | **T** |
| **users\_lookup** | **T** | **T** | **T** |  |  |  |
| **groups\_lookup** | **O** | **T** |  |  | **T** |  |

**Données de tests**

**Text

Description automatically generated**

Afin de créer nos tests, nous avons généré toutes les combinaisons (séquences) possibles pour nos 4 transformateurs (add new group, update groups, remove group, remove group member) :

1. add\_new\_group, update\_groups, remove\_group, remove\_group\_member
2. update\_groups, add\_new\_group, remove\_group, remove\_group\_member
3. remove\_group, add\_new\_group, update\_groups, remove\_group\_member
4. add\_new\_group, remove\_group, update\_groups, remove\_group\_member
5. update\_groups, remove\_group, add\_new\_group, remove\_group\_member
6. remove\_group, update\_groups, add\_new\_group, remove\_group\_member
7. remove\_group\_member, update\_groups, add\_new\_group, remove\_group
8. update\_groups, remove\_group\_member, add\_new\_group, remove\_group
9. add\_new\_group, remove\_group\_member, update\_groups, remove\_group
10. remove\_group\_member, add\_new\_group, update\_groups, remove\_group
11. update\_groups, add\_new\_group, remove\_group\_member, remove\_group
12. add\_new\_group, update\_groups, remove\_group\_member, remove\_group
13. remove\_group, update\_groups, remove\_group\_member, add\_new\_group
14. update\_groups, remove\_group, remove\_group\_member, add\_new\_group
15. add\_new\_group, remove\_group, remove\_group\_member, update\_groups
16. remove\_group, add\_new\_group, remove\_group\_member, update\_groups
17. remove\_group\_member, add\_new\_group, remove\_group, update\_groups
18. add\_new\_group, remove\_group\_member, remove\_group, update\_groups
19. remove\_group, remove\_group\_member, add\_new\_group, update\_groups
20. remove\_group\_member, remove\_group, add\_new\_group, update\_groups
21. remove\_group\_member, remove\_group, update\_groups, add\_new\_group
22. remove\_group, remove\_group\_member, update\_groups, add\_new\_group
23. update\_groups, remove\_group\_member, remove\_group, add\_new\_group
24. remove\_group\_member, update\_groups, remove\_group, add\_new\_group

Trames de tests

Rapporteurs :

Constructeurs :

Transformateurs :