Group # 7

CECS_323_07

Key_Hook Term Project

Deep Meghani, 026728362

Om Kakadiya (026728349)

Rhoy Oviedo (025867047)

Dev Paul (026945020)

David Brown
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Python Pseudo Code

1] When the employee has lost the key and the minimal charge has been filed

```
if (status == "lost"):
        charge += 25
else:
        charge = 0
```

2] When the key has not been issued to another employee or isn't in use:

```
if (not(status == "occupied")):
        key_assign()
```

3] Prevents the employee from borrowing 2 of the same key; Reduce redundancy.

```
if(not( (status == "borrow") and ( (hook_id1, key_id1) == (hook_id2, key_id2)) )):
        key_assign()
```

4] To assign only if request is made(We want to make sure that we never issue a key unless it has been requested)

```
if (request == True):
        key_assign()
```

5] If the employee still has the first key, the second request needs to be denied.

```
if (employeeid has first hookid, and request for second):
        Pass
# this means we don't call the key_assign() function and that eventually doesn't
assign any keys as per the requirement
```

6] The request would be granted since they no longer have the first key.

if employee_id has no key:
    key_assign()