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C:\Users\jimen\PycharmProjects\pythonProject\venv\Scripts\python.exe
C:\Users\jimen\PycharmProjects\pythonProject\main.py
```

1. Create a new key
2. Request access to a given room by a given employee
3. Capture the issue of a key to an employee
4. Capture losing a key
5. Report out all rooms that an employee can enter given the keys that he/she already has
6. Delete a key
7. Delete an employee
8. Add a new door that can be opened by an existing hook
9. Update an access request to move it to a new employee
10. Report all the employees who can get into a room
11. End

Chose an option: 10

1. room\_number 100
2. room\_number 101
3. room\_number 200
4. room\_number 308
5. room\_number 419
6. room\_number 518

Enter what room you want to see which employees can enter: 1

People who can enter room 1

```
['Jose', 'Jimenez', 1]
```

Check console above!

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Chose an option: 1

1. hook\_number 1
2. hook\_number 2
3. hook\_number 3
4. hook\_number 4
5. hook\_number 5
6. hook\_number 6

What hook do you want to create a new key for? 1

Successfully created a new Key!

Check Key table in Mongo DB!

1. Create a new key

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11. End

Chose an option: 2

Employee list

1. Jose Jimenez ID# 1
2. Neal Terrell ID# 2
3. Darin Goldstein ID# 3
4. Sarah Taylor ID# 4
5. Frank Murgolo ID# 5
6. David Brown ID# 6

Which employee? 1

1. Engineering and Computer Science Room: 100
2. Fine Arts 1 Room: 101
3. Hall of Science Room: 200
4. Horn Center Room: 308
5. Psychology Room: 419
6. Peterson Hall Room: 518

Which building? Engineering and Computer Science

Check Request table in Mongo DB!

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Chose an option: 3

Unfortunately couldn't solve :(

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6. Delete a key
7. Delete an employee

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10. Report all the employees who can get into a room
11. End

Chose an option: 4

Enter your ID#: 1

0. key\_number 1 key\_id 1
1. key\_number 2 key\_id 2
2. key\_number 3 key\_id 3
3. key\_number 4 key\_id 4
4. key\_number 5 key\_id 5
5. key\_number 6 key\_id 6
6. key\_number 7 key\_id 1

What key did you lose: 1

Alright you owe \$25 dollars for losing key 1

Check Lost Key table in Mongo DB

1. Create a new key
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4. Capture losing a key
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6. Delete a key
7. Delete an employee
8. Add a new door that can be opened by an existing hook
9. Update an access request to move it to a new employee
10. Report all the employees who can get into a room
11. End

Chose an option: 5

Unfortunately couldn't solve :(

1. Create a new key
2. Request access to a given room by a given employee
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5. Report out all rooms that an employee can enter given the keys that he/she already has
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8. Add a new door that can be opened by an existing hook
9. Update an access request to move it to a new employee
10. Report all the employees who can get into a room
11. End

Chose an option: 6

1. key\_number 1, key\_id 1
2. key\_number 2, key\_id 2
3. key\_number 3, key\_id 3
4. key\_number 4, key\_id 4
5. key\_number 5, key\_id 5
6. key\_number 6, key\_id 6
7. key\_number 7, key\_id 1

What key do you want to delete? 1  
Key has been deleted  
Check Key table in Mongo DB!

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10. Report all the employees who can get into a room
11. End

Chose an option: 7

Employee list

1. Jose Jimenez ID# 1
2. Neal Terrell ID# 2
3. Darin Goldstein ID# 3
4. Sarah Taylor ID# 4
5. Frank Murgolo ID# 5
6. David Brown ID# 6

What employee do you want to delete? Enter employee ID 1

Employee has been deleted

Check Employee table in Mongo DB!

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Chose an option: 8

1. hook\_number 1
2. hook\_number 2
3. hook\_number 3
4. hook\_number 4
5. hook\_number 5
6. hook\_number 6

What hook do you want to copy? 1

Building Names

1. Engineering and Computer Science
2. Fine Arts 1
3. Hall of Science

4. Horn Center
5. Psychology
6. Peterson Hall

What building do you want to make a door in? 1

What room do you want to make? 500

Door Names

1. front
2. back
3. north
4. south
5. east
6. west

What is door do you want? 1

Check Doors and Accesses table in Mongo DB!

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7. Delete an employee
8. Add a new door that can be opened by an existing hook
9. Update an access request to move it to a new employee
10. Report all the employees who can get into a room
11. End

Chose an option: 9

Employee list

1. Neal Terrell ID# 2
2. Darin Goldstein ID# 3
3. Sarah Taylor ID# 4
4. Frank Murgolo ID# 5
5. David Brown ID# 6

Who are you? Enter your ID# 1

Who are swapping with? 2

Check Request table in Mongo DB!

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6. Delete a key
7. Delete an employee
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10. Report all the employees who can get into a room
11. End

Chose an option: 11

Process finished with exit code 0