C:\Users\Justin\PycharmProjects\testingKeyHooksProject\venv\Scripts\python.exe "C:/Users/Justin/PycharmProjects/testingKeyHooksProject/venv/Project Files/main.py"

DEBUG:sqlalchemy.pool.impl.QueuePool:Created new connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0>

INFO:sqlalchemy.engine.Engine:select pg\_catalog.version()

INFO:sqlalchemy.engine.Engine:[raw sql] {}

INFO:sqlalchemy.engine.Engine:select current\_schema()

INFO:sqlalchemy.engine.Engine:[raw sql] {}

INFO:sqlalchemy.engine.Engine:show standard\_conforming\_strings

INFO:sqlalchemy.engine.Engine:[raw sql] {}

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> checked out from pool

INFO:sqlalchemy.engine.Engine:BEGIN (implicit)

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[generated in 0.00016s] {'schema': 'hooks\_phase2', 'name': 'buildings'}

2022-11-19 12:41:17,881 INFO sqlalchemy.engine.Engine select pg\_catalog.version()

2022-11-19 12:41:17,882 INFO sqlalchemy.engine.Engine [raw sql] {}

2022-11-19 12:41:17,886 INFO sqlalchemy.engine.Engine select current\_schema()

2022-11-19 12:41:17,886 INFO sqlalchemy.engine.Engine [raw sql] {}

2022-11-19 12:41:17,888 INFO sqlalchemy.engine.Engine show standard\_conforming\_strings

2022-11-19 12:41:17,888 INFO sqlalchemy.engine.Engine [raw sql] {}

2022-11-19 12:41:17,889 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2022-11-19 12:41:17,889 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:17,889 INFO sqlalchemy.engine.Engine [generated in 0.00016s] {'schema': 'hooks\_phase2', 'name': 'buildings'}

2022-11-19 12:41:17,894 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:17,894 INFO sqlalchemy.engine.Engine [cached since 0.00484s ago] {'schema': 'hooks\_phase2', 'name': 'rooms'}

2022-11-19 12:41:17,895 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:17,895 INFO sqlalchemy.engine.Engine [cached since 0.005577s ago] {'schema': 'hooks\_phase2', 'name': 'hooks'}

2022-11-19 12:41:17,895 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:17,895 INFO sqlalchemy.engine.Engine [cached since 0.006147s ago] {'schema': 'hooks\_phase2', 'name': 'keys'}

2022-11-19 12:41:17,896 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:17,896 INFO sqlalchemy.engine.Engine [cached since 0.006764s ago] {'schema': 'hooks\_phase2', 'name': 'employees'}

2022-11-19 12:41:17,897 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:17,897 INFO sqlalchemy.engine.Engine [cached since 0.007981s ago] {'schema': 'hooks\_phase2', 'name': 'requests'}

2022-11-19 12:41:17,898 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:17,898 INFO sqlalchemy.engine.Engine [cached since 0.008684s ago] {'schema': 'hooks\_phase2', 'name': 'loans'}

2022-11-19 12:41:17,898 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:17,899 INFO sqlalchemy.engine.Engine [cached since 0.00923s ago] {'schema': 'hooks\_phase2', 'name': 'key\_in\_uses'}

2022-11-19 12:41:17,899 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:17,899 INFO sqlalchemy.engine.Engine [cached since 0.009908s ago] {'schema': 'hooks\_phase2', 'name': 'key\_losts'}

2022-11-19 12:41:17,900 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:17,900 INFO sqlalchemy.engine.Engine [cached since 0.01048s ago] {'schema': 'hooks\_phase2', 'name': 'key\_returns'}

2022-11-19 12:41:17,900 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:17,900 INFO sqlalchemy.engine.Engine [cached since 0.01117s ago] {'schema': 'hooks\_phase2', 'name': 'door\_types'}

2022-11-19 12:41:17,901 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:17,901 INFO sqlalchemy.engine.Engine [cached since 0.01189s ago] {'schema': 'hooks\_phase2', 'name': 'doors'}

2022-11-19 12:41:17,902 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:17,902 INFO sqlalchemy.engine.Engine [cached since 0.01265s ago] {'schema': 'hooks\_phase2', 'name': 'access'}

2022-11-19 12:41:17,903 INFO sqlalchemy.engine.Engine

DROP TABLE hooks\_phase2.key\_returns

2022-11-19 12:41:17,903 INFO sqlalchemy.engine.Engine [no key 0.00010s] {}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.00484s ago] {'schema': 'hooks\_phase2', 'name': 'rooms'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.005577s ago] {'schema': 'hooks\_phase2', 'name': 'hooks'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.006147s ago] {'schema': 'hooks\_phase2', 'name': 'keys'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.006764s ago] {'schema': 'hooks\_phase2', 'name': 'employees'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.007981s ago] {'schema': 'hooks\_phase2', 'name': 'requests'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.008684s ago] {'schema': 'hooks\_phase2', 'name': 'loans'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.00923s ago] {'schema': 'hooks\_phase2', 'name': 'key\_in\_uses'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.009908s ago] {'schema': 'hooks\_phase2', 'name': 'key\_losts'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.01048s ago] {'schema': 'hooks\_phase2', 'name': 'key\_returns'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.01117s ago] {'schema': 'hooks\_phase2', 'name': 'door\_types'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.01189s ago] {'schema': 'hooks\_phase2', 'name': 'doors'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.01265s ago] {'schema': 'hooks\_phase2', 'name': 'access'}

INFO:sqlalchemy.engine.Engine:

DROP TABLE hooks\_phase2.key\_returns

INFO:sqlalchemy.engine.Engine:[no key 0.00010s] {}

2022-11-19 12:41:17,990 INFO sqlalchemy.engine.Engine

DROP TABLE hooks\_phase2.key\_losts

2022-11-19 12:41:17,990 INFO sqlalchemy.engine.Engine [no key 0.00017s] {}

2022-11-19 12:41:17,992 INFO sqlalchemy.engine.Engine

DROP TABLE hooks\_phase2.key\_in\_uses

2022-11-19 12:41:17,992 INFO sqlalchemy.engine.Engine [no key 0.00016s] {}

2022-11-19 12:41:17,998 INFO sqlalchemy.engine.Engine

DROP TABLE hooks\_phase2.access

2022-11-19 12:41:17,998 INFO sqlalchemy.engine.Engine [no key 0.00016s] {}

INFO:sqlalchemy.engine.Engine:

DROP TABLE hooks\_phase2.key\_losts

INFO:sqlalchemy.engine.Engine:[no key 0.00017s] {}

INFO:sqlalchemy.engine.Engine:

DROP TABLE hooks\_phase2.key\_in\_uses

INFO:sqlalchemy.engine.Engine:[no key 0.00016s] {}

INFO:sqlalchemy.engine.Engine:

DROP TABLE hooks\_phase2.access

INFO:sqlalchemy.engine.Engine:[no key 0.00016s] {}

2022-11-19 12:41:18,011 INFO sqlalchemy.engine.Engine

DROP TABLE hooks\_phase2.loans

2022-11-19 12:41:18,011 INFO sqlalchemy.engine.Engine [no key 0.00016s] {}

2022-11-19 12:41:18,020 INFO sqlalchemy.engine.Engine

DROP TABLE hooks\_phase2.doors

2022-11-19 12:41:18,020 INFO sqlalchemy.engine.Engine [no key 0.00017s] {}

2022-11-19 12:41:18,023 INFO sqlalchemy.engine.Engine

DROP TABLE hooks\_phase2.requests

2022-11-19 12:41:18,023 INFO sqlalchemy.engine.Engine [no key 0.00013s] {}

2022-11-19 12:41:18,031 INFO sqlalchemy.engine.Engine

DROP TABLE hooks\_phase2.keys

2022-11-19 12:41:18,031 INFO sqlalchemy.engine.Engine [no key 0.00013s] {}

INFO:sqlalchemy.engine.Engine:

DROP TABLE hooks\_phase2.loans

INFO:sqlalchemy.engine.Engine:[no key 0.00016s] {}

INFO:sqlalchemy.engine.Engine:

DROP TABLE hooks\_phase2.doors

INFO:sqlalchemy.engine.Engine:[no key 0.00017s] {}

INFO:sqlalchemy.engine.Engine:

DROP TABLE hooks\_phase2.requests

INFO:sqlalchemy.engine.Engine:[no key 0.00013s] {}

INFO:sqlalchemy.engine.Engine:

DROP TABLE hooks\_phase2.keys

INFO:sqlalchemy.engine.Engine:[no key 0.00013s] {}

2022-11-19 12:41:18,047 INFO sqlalchemy.engine.Engine

DROP TABLE hooks\_phase2.rooms

2022-11-19 12:41:18,047 INFO sqlalchemy.engine.Engine [no key 0.00018s] {}

2022-11-19 12:41:18,049 INFO sqlalchemy.engine.Engine

DROP TABLE hooks\_phase2.door\_types

2022-11-19 12:41:18,049 INFO sqlalchemy.engine.Engine [no key 0.00019s] {}

2022-11-19 12:41:18,057 INFO sqlalchemy.engine.Engine

DROP TABLE hooks\_phase2.employees

2022-11-19 12:41:18,057 INFO sqlalchemy.engine.Engine [no key 0.00024s] {}

2022-11-19 12:41:18,058 INFO sqlalchemy.engine.Engine

DROP TABLE hooks\_phase2.hooks

2022-11-19 12:41:18,058 INFO sqlalchemy.engine.Engine [no key 0.00015s] {}

2022-11-19 12:41:18,059 INFO sqlalchemy.engine.Engine

DROP TABLE hooks\_phase2.buildings

2022-11-19 12:41:18,059 INFO sqlalchemy.engine.Engine [no key 0.00017s] {}

2022-11-19 12:41:18,060 INFO sqlalchemy.engine.Engine COMMIT

INFO:sqlalchemy.engine.Engine:

DROP TABLE hooks\_phase2.rooms

INFO:sqlalchemy.engine.Engine:[no key 0.00018s] {}

INFO:sqlalchemy.engine.Engine:

DROP TABLE hooks\_phase2.door\_types

INFO:sqlalchemy.engine.Engine:[no key 0.00019s] {}

INFO:sqlalchemy.engine.Engine:

DROP TABLE hooks\_phase2.employees

INFO:sqlalchemy.engine.Engine:[no key 0.00024s] {}

INFO:sqlalchemy.engine.Engine:

DROP TABLE hooks\_phase2.hooks

INFO:sqlalchemy.engine.Engine:[no key 0.00015s] {}

INFO:sqlalchemy.engine.Engine:

DROP TABLE hooks\_phase2.buildings

INFO:sqlalchemy.engine.Engine:[no key 0.00017s] {}

INFO:sqlalchemy.engine.Engine:COMMIT

2022-11-19 12:41:18,162 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2022-11-19 12:41:18,163 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:18,163 INFO sqlalchemy.engine.Engine [cached since 0.2747s ago] {'schema': 'hooks\_phase2', 'name': 'buildings'}

2022-11-19 12:41:18,164 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:18,164 INFO sqlalchemy.engine.Engine [cached since 0.2757s ago] {'schema': 'hooks\_phase2', 'name': 'rooms'}

2022-11-19 12:41:18,165 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:18,165 INFO sqlalchemy.engine.Engine [cached since 0.2763s ago] {'schema': 'hooks\_phase2', 'name': 'hooks'}

2022-11-19 12:41:18,165 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:18,165 INFO sqlalchemy.engine.Engine [cached since 0.2768s ago] {'schema': 'hooks\_phase2', 'name': 'keys'}

2022-11-19 12:41:18,166 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:18,166 INFO sqlalchemy.engine.Engine [cached since 0.2774s ago] {'schema': 'hooks\_phase2', 'name': 'employees'}

2022-11-19 12:41:18,166 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:18,167 INFO sqlalchemy.engine.Engine [cached since 0.2781s ago] {'schema': 'hooks\_phase2', 'name': 'requests'}

2022-11-19 12:41:18,167 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:18,167 INFO sqlalchemy.engine.Engine [cached since 0.2788s ago] {'schema': 'hooks\_phase2', 'name': 'loans'}

2022-11-19 12:41:18,168 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:18,168 INFO sqlalchemy.engine.Engine [cached since 0.2794s ago] {'schema': 'hooks\_phase2', 'name': 'key\_in\_uses'}

2022-11-19 12:41:18,168 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:18,168 INFO sqlalchemy.engine.Engine [cached since 0.2799s ago] {'schema': 'hooks\_phase2', 'name': 'key\_losts'}

2022-11-19 12:41:18,169 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:18,169 INFO sqlalchemy.engine.Engine [cached since 0.2805s ago] {'schema': 'hooks\_phase2', 'name': 'key\_returns'}

2022-11-19 12:41:18,169 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:18,169 INFO sqlalchemy.engine.Engine [cached since 0.2811s ago] {'schema': 'hooks\_phase2', 'name': 'door\_types'}

2022-11-19 12:41:18,170 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:18,170 INFO sqlalchemy.engine.Engine [cached since 0.2819s ago] {'schema': 'hooks\_phase2', 'name': 'doors'}

2022-11-19 12:41:18,171 INFO sqlalchemy.engine.Engine select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

2022-11-19 12:41:18,171 INFO sqlalchemy.engine.Engine [cached since 0.2826s ago] {'schema': 'hooks\_phase2', 'name': 'access'}

2022-11-19 12:41:18,172 INFO sqlalchemy.engine.Engine

CREATE TABLE hooks\_phase2.buildings (

building\_name VARCHAR NOT NULL,

PRIMARY KEY (building\_name)

)

2022-11-19 12:41:18,172 INFO sqlalchemy.engine.Engine [no key 0.00010s] {}

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> being returned to pool

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> rollback-on-return

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> checked out from pool

INFO:sqlalchemy.engine.Engine:BEGIN (implicit)

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.2747s ago] {'schema': 'hooks\_phase2', 'name': 'buildings'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.2757s ago] {'schema': 'hooks\_phase2', 'name': 'rooms'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.2763s ago] {'schema': 'hooks\_phase2', 'name': 'hooks'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.2768s ago] {'schema': 'hooks\_phase2', 'name': 'keys'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.2774s ago] {'schema': 'hooks\_phase2', 'name': 'employees'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.2781s ago] {'schema': 'hooks\_phase2', 'name': 'requests'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.2788s ago] {'schema': 'hooks\_phase2', 'name': 'loans'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.2794s ago] {'schema': 'hooks\_phase2', 'name': 'key\_in\_uses'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.2799s ago] {'schema': 'hooks\_phase2', 'name': 'key\_losts'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.2805s ago] {'schema': 'hooks\_phase2', 'name': 'key\_returns'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.2811s ago] {'schema': 'hooks\_phase2', 'name': 'door\_types'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.2819s ago] {'schema': 'hooks\_phase2', 'name': 'doors'}

INFO:sqlalchemy.engine.Engine:select relname from pg\_class c join pg\_namespace n on n.oid=c.relnamespace where n.nspname=%(schema)s and relname=%(name)s

INFO:sqlalchemy.engine.Engine:[cached since 0.2826s ago] {'schema': 'hooks\_phase2', 'name': 'access'}

INFO:sqlalchemy.engine.Engine:

CREATE TABLE hooks\_phase2.buildings (

building\_name VARCHAR NOT NULL,

PRIMARY KEY (building\_name)

)

INFO:sqlalchemy.engine.Engine:[no key 0.00010s] {}

2022-11-19 12:41:18,208 INFO sqlalchemy.engine.Engine

CREATE TABLE hooks\_phase2.hooks (

hook\_id SERIAL NOT NULL,

PRIMARY KEY (hook\_id)

)

2022-11-19 12:41:18,208 INFO sqlalchemy.engine.Engine [no key 0.00020s] {}

INFO:sqlalchemy.engine.Engine:

CREATE TABLE hooks\_phase2.hooks (

hook\_id SERIAL NOT NULL,

PRIMARY KEY (hook\_id)

)

INFO:sqlalchemy.engine.Engine:[no key 0.00020s] {}

INFO:sqlalchemy.engine.Engine:

CREATE TABLE hooks\_phase2.employees (

employee\_id SERIAL NOT NULL,

PRIMARY KEY (employee\_id)

)

INFO:sqlalchemy.engine.Engine:[no key 0.00018s] {}

INFO:sqlalchemy.engine.Engine:

CREATE TABLE hooks\_phase2.door\_types (

type VARCHAR(20) NOT NULL,

PRIMARY KEY (type)

)

INFO:sqlalchemy.engine.Engine:[no key 0.00022s] {}

INFO:sqlalchemy.engine.Engine:

CREATE TABLE hooks\_phase2.rooms (

room\_number INTEGER NOT NULL,

building\_name VARCHAR NOT NULL,

PRIMARY KEY (room\_number, building\_name),

FOREIGN KEY(building\_name) REFERENCES hooks\_phase2.buildings (building\_name),

FOREIGN KEY(building\_name) REFERENCES hooks\_phase2.buildings (building\_name)

)

INFO:sqlalchemy.engine.Engine:[no key 0.00017s] {}

2022-11-19 12:41:18,219 INFO sqlalchemy.engine.Engine

CREATE TABLE hooks\_phase2.employees (

employee\_id SERIAL NOT NULL,

PRIMARY KEY (employee\_id)

)

2022-11-19 12:41:18,219 INFO sqlalchemy.engine.Engine [no key 0.00018s] {}

2022-11-19 12:41:18,225 INFO sqlalchemy.engine.Engine

CREATE TABLE hooks\_phase2.door\_types (

type VARCHAR(20) NOT NULL,

PRIMARY KEY (type)

)

2022-11-19 12:41:18,225 INFO sqlalchemy.engine.Engine [no key 0.00022s] {}

2022-11-19 12:41:18,230 INFO sqlalchemy.engine.Engine

CREATE TABLE hooks\_phase2.rooms (

room\_number INTEGER NOT NULL,

building\_name VARCHAR NOT NULL,

PRIMARY KEY (room\_number, building\_name),

FOREIGN KEY(building\_name) REFERENCES hooks\_phase2.buildings (building\_name),

FOREIGN KEY(building\_name) REFERENCES hooks\_phase2.buildings (building\_name)

)

2022-11-19 12:41:18,230 INFO sqlalchemy.engine.Engine [no key 0.00017s] {}

INFO:sqlalchemy.engine.Engine:

CREATE TABLE hooks\_phase2.keys (

key\_id SERIAL,

hook\_id INTEGER NOT NULL,

PRIMARY KEY (key\_id),

FOREIGN KEY(hook\_id) REFERENCES hooks\_phase2.hooks (hook\_id)

)

INFO:sqlalchemy.engine.Engine:[no key 0.00018s] {}

INFO:sqlalchemy.engine.Engine:

CREATE TABLE hooks\_phase2.requests (

employee\_id INTEGER NOT NULL,

date\_requested DATE NOT NULL,

room\_number INTEGER NOT NULL,

building\_name VARCHAR NOT NULL,

PRIMARY KEY (employee\_id, date\_requested, room\_number, building\_name),

FOREIGN KEY(room\_number, building\_name) REFERENCES hooks\_phase2.rooms (room\_number, building\_name),

FOREIGN KEY(employee\_id) REFERENCES hooks\_phase2.employees (employee\_id)

)

INFO:sqlalchemy.engine.Engine:[no key 0.00019s] {}

2022-11-19 12:41:18,242 INFO sqlalchemy.engine.Engine

CREATE TABLE hooks\_phase2.keys (

key\_id SERIAL,

hook\_id INTEGER NOT NULL,

PRIMARY KEY (key\_id),

FOREIGN KEY(hook\_id) REFERENCES hooks\_phase2.hooks (hook\_id)

)

2022-11-19 12:41:18,243 INFO sqlalchemy.engine.Engine [no key 0.00018s] {}

2022-11-19 12:41:18,248 INFO sqlalchemy.engine.Engine

CREATE TABLE hooks\_phase2.requests (

employee\_id INTEGER NOT NULL,

date\_requested DATE NOT NULL,

room\_number INTEGER NOT NULL,

building\_name VARCHAR NOT NULL,

PRIMARY KEY (employee\_id, date\_requested, room\_number, building\_name),

FOREIGN KEY(room\_number, building\_name) REFERENCES hooks\_phase2.rooms (room\_number, building\_name),

FOREIGN KEY(employee\_id) REFERENCES hooks\_phase2.employees (employee\_id)

)

2022-11-19 12:41:18,248 INFO sqlalchemy.engine.Engine [no key 0.00019s] {}

2022-11-19 12:41:18,257 INFO sqlalchemy.engine.Engine

CREATE TABLE hooks\_phase2.doors (

room\_number INTEGER NOT NULL,

building\_name VARCHAR NOT NULL,

door\_type VARCHAR NOT NULL,

PRIMARY KEY (room\_number, building\_name, door\_type),

FOREIGN KEY(room\_number, building\_name) REFERENCES hooks\_phase2.rooms (room\_number, building\_name),

FOREIGN KEY(door\_type) REFERENCES hooks\_phase2.door\_types (type)

)

2022-11-19 12:41:18,257 INFO sqlalchemy.engine.Engine [no key 0.00019s] {}

2022-11-19 12:41:18,269 INFO sqlalchemy.engine.Engine

CREATE TABLE hooks\_phase2.loans (

key\_id INTEGER NOT NULL,

employee\_id INTEGER NOT NULL,

date\_requested DATE NOT NULL,

room\_number INTEGER NOT NULL,

building\_name VARCHAR NOT NULL,

PRIMARY KEY (key\_id, employee\_id, date\_requested, room\_number, building\_name),

FOREIGN KEY(employee\_id, date\_requested, room\_number, building\_name) REFERENCES hooks\_phase2.requests (employee\_id, date\_requested, room\_number, building\_name),

FOREIGN KEY(key\_id) REFERENCES hooks\_phase2.keys (key\_id)

)

2022-11-19 12:41:18,269 INFO sqlalchemy.engine.Engine [no key 0.00020s] {}

INFO:sqlalchemy.engine.Engine:

CREATE TABLE hooks\_phase2.doors (

room\_number INTEGER NOT NULL,

building\_name VARCHAR NOT NULL,

door\_type VARCHAR NOT NULL,

PRIMARY KEY (room\_number, building\_name, door\_type),

FOREIGN KEY(room\_number, building\_name) REFERENCES hooks\_phase2.rooms (room\_number, building\_name),

FOREIGN KEY(door\_type) REFERENCES hooks\_phase2.door\_types (type)

)

INFO:sqlalchemy.engine.Engine:[no key 0.00019s] {}

INFO:sqlalchemy.engine.Engine:

CREATE TABLE hooks\_phase2.loans (

key\_id INTEGER NOT NULL,

employee\_id INTEGER NOT NULL,

date\_requested DATE NOT NULL,

room\_number INTEGER NOT NULL,

building\_name VARCHAR NOT NULL,

PRIMARY KEY (key\_id, employee\_id, date\_requested, room\_number, building\_name),

FOREIGN KEY(employee\_id, date\_requested, room\_number, building\_name) REFERENCES hooks\_phase2.requests (employee\_id, date\_requested, room\_number, building\_name),

FOREIGN KEY(key\_id) REFERENCES hooks\_phase2.keys (key\_id)

)

INFO:sqlalchemy.engine.Engine:[no key 0.00020s] {}

INFO:sqlalchemy.engine.Engine:

CREATE TABLE hooks\_phase2.access (

hook\_id INTEGER NOT NULL,

room\_number INTEGER NOT NULL,

building\_name VARCHAR NOT NULL,

door\_type VARCHAR NOT NULL,

PRIMARY KEY (hook\_id, room\_number, building\_name, door\_type),

FOREIGN KEY(room\_number, building\_name, door\_type) REFERENCES hooks\_phase2.doors (room\_number, building\_name, door\_type),

FOREIGN KEY(hook\_id) REFERENCES hooks\_phase2.hooks (hook\_id)

)

INFO:sqlalchemy.engine.Engine:[no key 0.00019s] {}

INFO:sqlalchemy.engine.Engine:

CREATE TABLE hooks\_phase2.key\_in\_uses (

loans\_key\_id INTEGER NOT NULL,

loans\_employee\_id INTEGER NOT NULL,

loans\_room\_number INTEGER NOT NULL,

loans\_building\_name VARCHAR NOT NULL,

loans\_request\_date DATE NOT NULL,

PRIMARY KEY (loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date),

FOREIGN KEY(loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date) REFERENCES hooks\_phase2.loans (key\_id, employee\_id, room\_number, building\_name, date\_requested)

)

INFO:sqlalchemy.engine.Engine:[no key 0.00023s] {}

2022-11-19 12:41:18,284 INFO sqlalchemy.engine.Engine

CREATE TABLE hooks\_phase2.access (

hook\_id INTEGER NOT NULL,

room\_number INTEGER NOT NULL,

building\_name VARCHAR NOT NULL,

door\_type VARCHAR NOT NULL,

PRIMARY KEY (hook\_id, room\_number, building\_name, door\_type),

FOREIGN KEY(room\_number, building\_name, door\_type) REFERENCES hooks\_phase2.doors (room\_number, building\_name, door\_type),

FOREIGN KEY(hook\_id) REFERENCES hooks\_phase2.hooks (hook\_id)

)

2022-11-19 12:41:18,284 INFO sqlalchemy.engine.Engine [no key 0.00019s] {}

2022-11-19 12:41:18,298 INFO sqlalchemy.engine.Engine

CREATE TABLE hooks\_phase2.key\_in\_uses (

loans\_key\_id INTEGER NOT NULL,

loans\_employee\_id INTEGER NOT NULL,

loans\_room\_number INTEGER NOT NULL,

loans\_building\_name VARCHAR NOT NULL,

loans\_request\_date DATE NOT NULL,

PRIMARY KEY (loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date),

FOREIGN KEY(loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date) REFERENCES hooks\_phase2.loans (key\_id, employee\_id, room\_number, building\_name, date\_requested)

)

2022-11-19 12:41:18,298 INFO sqlalchemy.engine.Engine [no key 0.00023s] {}

INFO:sqlalchemy.engine.Engine:

CREATE TABLE hooks\_phase2.key\_losts (

lost\_report\_date DATE NOT NULL,

loans\_key\_id INTEGER NOT NULL,

loans\_employee\_id INTEGER NOT NULL,

loans\_room\_number INTEGER NOT NULL,

loans\_building\_name VARCHAR NOT NULL,

loans\_request\_date DATE NOT NULL,

PRIMARY KEY (loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date),

FOREIGN KEY(loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date) REFERENCES hooks\_phase2.loans (key\_id, employee\_id, room\_number, building\_name, date\_requested)

)

INFO:sqlalchemy.engine.Engine:[no key 0.00035s] {}

2022-11-19 12:41:18,311 INFO sqlalchemy.engine.Engine

CREATE TABLE hooks\_phase2.key\_losts (

lost\_report\_date DATE NOT NULL,

loans\_key\_id INTEGER NOT NULL,

loans\_employee\_id INTEGER NOT NULL,

loans\_room\_number INTEGER NOT NULL,

loans\_building\_name VARCHAR NOT NULL,

loans\_request\_date DATE NOT NULL,

PRIMARY KEY (loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date),

FOREIGN KEY(loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date) REFERENCES hooks\_phase2.loans (key\_id, employee\_id, room\_number, building\_name, date\_requested)

)

2022-11-19 12:41:18,311 INFO sqlalchemy.engine.Engine [no key 0.00035s] {}

2022-11-19 12:41:18,324 INFO sqlalchemy.engine.Engine

CREATE TABLE hooks\_phase2.key\_returns (

return\_date DATE NOT NULL,

loans\_key\_id INTEGER NOT NULL,

loans\_employee\_id INTEGER NOT NULL,

loans\_room\_number INTEGER NOT NULL,

loans\_building\_name VARCHAR NOT NULL,

loans\_request\_date DATE NOT NULL,

PRIMARY KEY (loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date),

FOREIGN KEY(loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date) REFERENCES hooks\_phase2.loans (key\_id, employee\_id, room\_number, building\_name, date\_requested)

)

2022-11-19 12:41:18,325 INFO sqlalchemy.engine.Engine [no key 0.00024s] {}

2022-11-19 12:41:18,338 INFO sqlalchemy.engine.Engine COMMIT

INFO:sqlalchemy.engine.Engine:

CREATE TABLE hooks\_phase2.key\_returns (

return\_date DATE NOT NULL,

loans\_key\_id INTEGER NOT NULL,

loans\_employee\_id INTEGER NOT NULL,

loans\_room\_number INTEGER NOT NULL,

loans\_building\_name VARCHAR NOT NULL,

loans\_request\_date DATE NOT NULL,

PRIMARY KEY (loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date),

FOREIGN KEY(loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date) REFERENCES hooks\_phase2.loans (key\_id, employee\_id, room\_number, building\_name, date\_requested)

)

INFO:sqlalchemy.engine.Engine:[no key 0.00024s] {}

INFO:sqlalchemy.engine.Engine:COMMIT

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> being returned to pool

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> rollback-on-return

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> checked out from pool

INFO:sqlalchemy.engine.Engine:BEGIN (implicit)

Inside the session, woo hoo.

2022-11-19 12:41:18,405 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2022-11-19 12:41:18,418 INFO sqlalchemy.engine.Engine INSERT INTO hooks\_phase2.employees (employee\_id) VALUES (%(employee\_id)s)

2022-11-19 12:41:18,418 INFO sqlalchemy.engine.Engine [generated in 0.00025s] ({'employee\_id': 12345}, {'employee\_id': 14567}, {'employee\_id': 54321}, {'employee\_id': 86754}, {'employee\_id': 42069}, {'employee\_id': 55555}, {'employee\_id': 90909})

2022-11-19 12:41:18,425 INFO sqlalchemy.engine.Engine INSERT INTO hooks\_phase2.hooks (hook\_id) VALUES (%(hook\_id)s)

2022-11-19 12:41:18,425 INFO sqlalchemy.engine.Engine [generated in 0.00022s] ({'hook\_id': 1}, {'hook\_id': 2}, {'hook\_id': 3}, {'hook\_id': 4}, {'hook\_id': 5}, {'hook\_id': 6}, {'hook\_id': 7})

2022-11-19 12:41:18,428 INFO sqlalchemy.engine.Engine INSERT INTO hooks\_phase2.keys (key\_id, hook\_id) VALUES (%(key\_id)s, %(hook\_id)s)

2022-11-19 12:41:18,428 INFO sqlalchemy.engine.Engine [generated in 0.00027s] ({'key\_id': 11, 'hook\_id': 1}, {'key\_id': 12, 'hook\_id': 2}, {'key\_id': 13, 'hook\_id': 3}, {'key\_id': 1, 'hook\_id': 4}, {'key\_id': 2, 'hook\_id': 5}, {'key\_id': 3, 'hook\_id': 6}, {'key\_id': 5, 'hook\_id': 7})

INFO:sqlalchemy.engine.Engine:INSERT INTO hooks\_phase2.employees (employee\_id) VALUES (%(employee\_id)s)

INFO:sqlalchemy.engine.Engine:[generated in 0.00025s] ({'employee\_id': 12345}, {'employee\_id': 14567}, {'employee\_id': 54321}, {'employee\_id': 86754}, {'employee\_id': 42069}, {'employee\_id': 55555}, {'employee\_id': 90909})

INFO:sqlalchemy.engine.Engine:INSERT INTO hooks\_phase2.hooks (hook\_id) VALUES (%(hook\_id)s)

INFO:sqlalchemy.engine.Engine:[generated in 0.00022s] ({'hook\_id': 1}, {'hook\_id': 2}, {'hook\_id': 3}, {'hook\_id': 4}, {'hook\_id': 5}, {'hook\_id': 6}, {'hook\_id': 7})

INFO:sqlalchemy.engine.Engine:INSERT INTO hooks\_phase2.keys (key\_id, hook\_id) VALUES (%(key\_id)s, %(hook\_id)s)

INFO:sqlalchemy.engine.Engine:[generated in 0.00027s] ({'key\_id': 11, 'hook\_id': 1}, {'key\_id': 12, 'hook\_id': 2}, {'key\_id': 13, 'hook\_id': 3}, {'key\_id': 1, 'hook\_id': 4}, {'key\_id': 2, 'hook\_id': 5}, {'key\_id': 3, 'hook\_id': 6}, {'key\_id': 5, 'hook\_id': 7})

INFO:sqlalchemy.engine.Engine:COMMIT

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> being returned to pool

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> rollback-on-return

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> checked out from pool

INFO:sqlalchemy.engine.Engine:BEGIN (implicit)

INFO:sqlalchemy.engine.Engine:INSERT INTO hooks\_phase2.buildings (building\_name) VALUES (%(building\_name)s)

INFO:sqlalchemy.engine.Engine:[generated in 0.00016s] ({'building\_name': 'ECS'}, {'building\_name': 'VIV'}, {'building\_name': 'ENGR 4'}, {'building\_name': 'BIO'}, {'building\_name': 'HUM'}, {'building\_name': 'PSY'})

INFO:sqlalchemy.engine.Engine:INSERT INTO hooks\_phase2.door\_types (type) VALUES (%(type)s)

INFO:sqlalchemy.engine.Engine:[generated in 0.00015s] ({'type': 'Front'}, {'type': 'Back'}, {'type': 'Right'})

INFO:sqlalchemy.engine.Engine:INSERT INTO hooks\_phase2.rooms (room\_number, building\_name) VALUES (%(room\_number)s, %(building\_name)s)

INFO:sqlalchemy.engine.Engine:[generated in 0.00017s] ({'room\_number': 450, 'building\_name': 'ECS'}, {'room\_number': 121, 'building\_name': 'VIV'}, {'room\_number': 323, 'building\_name': 'ENGR 4'}, {'room\_number': 274, 'building\_name': 'BIO'}, {'room\_number': 136, 'building\_name': 'HUM'}, {'room\_number': 412, 'building\_name': 'PSY'}, {'room\_number': 342, 'building\_name': 'ECS'}, {'room\_number': 700, 'building\_name': 'ECS'}, {'room\_number': 800, 'building\_name': 'ECS'})

INFO:sqlalchemy.engine.Engine:COMMIT

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> being returned to pool

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> rollback-on-return

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> checked out from pool

INFO:sqlalchemy.engine.Engine:BEGIN (implicit)

INFO:sqlalchemy.engine.Engine:INSERT INTO hooks\_phase2.doors (room\_number, building\_name, door\_type) VALUES (%(room\_number)s, %(building\_name)s, %(door\_type)s)

INFO:sqlalchemy.engine.Engine:[generated in 0.00015s] ({'room\_number': 450, 'building\_name': 'ECS', 'door\_type': 'Front'}, {'room\_number': 121, 'building\_name': 'VIV', 'door\_type': 'Back'}, {'room\_number': 323, 'building\_name': 'ENGR 4', 'door\_type': 'Right'}, {'room\_number': 274, 'building\_name': 'BIO', 'door\_type': 'Right'}, {'room\_number': 136, 'building\_name': 'HUM', 'door\_type': 'Front'}, {'room\_number': 412, 'building\_name': 'PSY', 'door\_type': 'Back'}, {'room\_number': 136, 'building\_name': 'HUM', 'door\_type': 'Back'}, {'room\_number': 800, 'building\_name': 'ECS', 'door\_type': 'Front'}, {'room\_number': 700, 'building\_name': 'ECS', 'door\_type': 'Back'})

INFO:sqlalchemy.engine.Engine:COMMIT

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> being returned to pool

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> rollback-on-return

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> checked out from pool

INFO:sqlalchemy.engine.Engine:BEGIN (implicit)

INFO:sqlalchemy.engine.Engine:INSERT INTO hooks\_phase2.requests (employee\_id, date\_requested, room\_number, building\_name) VALUES (%(employee\_id)s, %(date\_requested)s, %(room\_number)s, %(building\_name)s)

INFO:sqlalchemy.engine.Engine:[generated in 0.00017s] ({'employee\_id': 12345, 'date\_requested': '2022-10-10', 'room\_number': 450, 'building\_name': 'ECS'}, {'employee\_id': 54321, 'date\_requested': '2023-12-10', 'room\_number': 121, 'building\_name': 'VIV'}, {'employee\_id': 14567, 'date\_requested': '2021-1-23', 'room\_number': 136, 'building\_name': 'HUM'}, {'employee\_id': 86754, 'date\_requested': '2012-10-31', 'room\_number': 412, 'building\_name': 'PSY'}, {'employee\_id': 42069, 'date\_requested': '2010-11-10', 'room\_number': 274, 'building\_name': 'BIO'}, {'employee\_id': 55555, 'date\_requested': '2024-2-24', 'room\_number': 323, 'building\_name': 'ENGR 4'}, {'employee\_id': 55555, 'date\_requested': '2024-2-25', 'room\_number': 323, 'building\_name': 'ENGR 4'})

INFO:sqlalchemy.engine.Engine:COMMIT

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> being returned to pool

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> rollback-on-return

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> checked out from pool

INFO:sqlalchemy.engine.Engine:BEGIN (implicit)

INFO:sqlalchemy.engine.Engine:INSERT INTO hooks\_phase2.loans (key\_id, employee\_id, date\_requested, room\_number, building\_name) VALUES (%(key\_id)s, %(employee\_id)s, %(date\_requested)s, %(room\_number)s, %(building\_name)s)

INFO:sqlalchemy.engine.Engine:[generated in 0.00016s] ({'key\_id': 12, 'employee\_id': 54321, 'date\_requested': '2023-12-10', 'room\_number': 121, 'building\_name': 'VIV'}, {'key\_id': 1, 'employee\_id': 14567, 'date\_requested': '2021-1-23', 'room\_number': 136, 'building\_name': 'HUM'}, {'key\_id': 13, 'employee\_id': 42069, 'date\_requested': '2010-11-10', 'room\_number': 274, 'building\_name': 'BIO'})

INFO:sqlalchemy.engine.Engine:COMMIT

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> being returned to pool

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> rollback-on-return

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> checked out from pool

INFO:sqlalchemy.engine.Engine:BEGIN (implicit)

2022-11-19 12:41:18,432 INFO sqlalchemy.engine.Engine COMMIT

2022-11-19 12:41:18,434 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2022-11-19 12:41:18,435 INFO sqlalchemy.engine.Engine INSERT INTO hooks\_phase2.buildings (building\_name) VALUES (%(building\_name)s)

2022-11-19 12:41:18,435 INFO sqlalchemy.engine.Engine [generated in 0.00016s] ({'building\_name': 'ECS'}, {'building\_name': 'VIV'}, {'building\_name': 'ENGR 4'}, {'building\_name': 'BIO'}, {'building\_name': 'HUM'}, {'building\_name': 'PSY'})

2022-11-19 12:41:18,437 INFO sqlalchemy.engine.Engine INSERT INTO hooks\_phase2.door\_types (type) VALUES (%(type)s)

2022-11-19 12:41:18,437 INFO sqlalchemy.engine.Engine [generated in 0.00015s] ({'type': 'Front'}, {'type': 'Back'}, {'type': 'Right'})

2022-11-19 12:41:18,439 INFO sqlalchemy.engine.Engine INSERT INTO hooks\_phase2.rooms (room\_number, building\_name) VALUES (%(room\_number)s, %(building\_name)s)

2022-11-19 12:41:18,439 INFO sqlalchemy.engine.Engine [generated in 0.00017s] ({'room\_number': 450, 'building\_name': 'ECS'}, {'room\_number': 121, 'building\_name': 'VIV'}, {'room\_number': 323, 'building\_name': 'ENGR 4'}, {'room\_number': 274, 'building\_name': 'BIO'}, {'room\_number': 136, 'building\_name': 'HUM'}, {'room\_number': 412, 'building\_name': 'PSY'}, {'room\_number': 342, 'building\_name': 'ECS'}, {'room\_number': 700, 'building\_name': 'ECS'}, {'room\_number': 800, 'building\_name': 'ECS'})

2022-11-19 12:41:18,442 INFO sqlalchemy.engine.Engine COMMIT

2022-11-19 12:41:18,444 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2022-11-19 12:41:18,444 INFO sqlalchemy.engine.Engine INSERT INTO hooks\_phase2.doors (room\_number, building\_name, door\_type) VALUES (%(room\_number)s, %(building\_name)s, %(door\_type)s)

2022-11-19 12:41:18,444 INFO sqlalchemy.engine.Engine [generated in 0.00015s] ({'room\_number': 450, 'building\_name': 'ECS', 'door\_type': 'Front'}, {'room\_number': 121, 'building\_name': 'VIV', 'door\_type': 'Back'}, {'room\_number': 323, 'building\_name': 'ENGR 4', 'door\_type': 'Right'}, {'room\_number': 274, 'building\_name': 'BIO', 'door\_type': 'Right'}, {'room\_number': 136, 'building\_name': 'HUM', 'door\_type': 'Front'}, {'room\_number': 412, 'building\_name': 'PSY', 'door\_type': 'Back'}, {'room\_number': 136, 'building\_name': 'HUM', 'door\_type': 'Back'}, {'room\_number': 800, 'building\_name': 'ECS', 'door\_type': 'Front'}, {'room\_number': 700, 'building\_name': 'ECS', 'door\_type': 'Back'})

2022-11-19 12:41:18,447 INFO sqlalchemy.engine.Engine COMMIT

2022-11-19 12:41:18,449 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2022-11-19 12:41:18,450 INFO sqlalchemy.engine.Engine INSERT INTO hooks\_phase2.requests (employee\_id, date\_requested, room\_number, building\_name) VALUES (%(employee\_id)s, %(date\_requested)s, %(room\_number)s, %(building\_name)s)

2022-11-19 12:41:18,450 INFO sqlalchemy.engine.Engine [generated in 0.00017s] ({'employee\_id': 12345, 'date\_requested': '2022-10-10', 'room\_number': 450, 'building\_name': 'ECS'}, {'employee\_id': 54321, 'date\_requested': '2023-12-10', 'room\_number': 121, 'building\_name': 'VIV'}, {'employee\_id': 14567, 'date\_requested': '2021-1-23', 'room\_number': 136, 'building\_name': 'HUM'}, {'employee\_id': 86754, 'date\_requested': '2012-10-31', 'room\_number': 412, 'building\_name': 'PSY'}, {'employee\_id': 42069, 'date\_requested': '2010-11-10', 'room\_number': 274, 'building\_name': 'BIO'}, {'employee\_id': 55555, 'date\_requested': '2024-2-24', 'room\_number': 323, 'building\_name': 'ENGR 4'}, {'employee\_id': 55555, 'date\_requested': '2024-2-25', 'room\_number': 323, 'building\_name': 'ENGR 4'})

2022-11-19 12:41:18,453 INFO sqlalchemy.engine.Engine COMMIT

2022-11-19 12:41:18,455 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2022-11-19 12:41:18,456 INFO sqlalchemy.engine.Engine INSERT INTO hooks\_phase2.loans (key\_id, employee\_id, date\_requested, room\_number, building\_name) VALUES (%(key\_id)s, %(employee\_id)s, %(date\_requested)s, %(room\_number)s, %(building\_name)s)

2022-11-19 12:41:18,456 INFO sqlalchemy.engine.Engine [generated in 0.00016s] ({'key\_id': 12, 'employee\_id': 54321, 'date\_requested': '2023-12-10', 'room\_number': 121, 'building\_name': 'VIV'}, {'key\_id': 1, 'employee\_id': 14567, 'date\_requested': '2021-1-23', 'room\_number': 136, 'building\_name': 'HUM'}, {'key\_id': 13, 'employee\_id': 42069, 'date\_requested': '2010-11-10', 'room\_number': 274, 'building\_name': 'BIO'})

2022-11-19 12:41:18,458 INFO sqlalchemy.engine.Engine COMMIT

2022-11-19 12:41:18,459 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2022-11-19 12:41:18,460 INFO sqlalchemy.engine.Engine INSERT INTO hooks\_phase2.key\_in\_uses (loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date) VALUES (%(loans\_key\_id)s, %(loans\_employee\_id)s, %(loans\_room\_number)s, %(loans\_building\_name)s, %(loans\_request\_date)s)

2022-11-19 12:41:18,460 INFO sqlalchemy.engine.Engine [generated in 0.00015s] ({'loans\_key\_id': 12, 'loans\_employee\_id': 54321, 'loans\_room\_number': 121, 'loans\_building\_name': 'VIV', 'loans\_request\_date': '2023-12-10'}, {'loans\_key\_id': 1, 'loans\_employee\_id': 14567, 'loans\_room\_number': 136, 'loans\_building\_name': 'HUM', 'loans\_request\_date': '2021-1-23'})

2022-11-19 12:41:18,464 INFO sqlalchemy.engine.Engine COMMIT

2022-11-19 12:41:18,465 INFO sqlalchemy.engine.Engine BEGIN (implicit)

2022-11-19 12:41:18,467 INFO sqlalchemy.engine.Engine INSERT INTO hooks\_phase2.key\_returns (return\_date, loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date) VALUES (%(return\_date)s, %(loans\_key\_id)s, %(loans\_employee\_id)s, %(loans\_room\_number)s, %(loans\_building\_name)s, %(loans\_request\_date)s)

2022-11-19 12:41:18,467 INFO sqlalchemy.engine.Engine [generated in 0.00023s] {'return\_date': '2010-12-20', 'loans\_key\_id': 13, 'loans\_employee\_id': 42069, 'loans\_room\_number': 274, 'loans\_building\_name': 'BIO', 'loans\_request\_date': '2010-11-10'}

2022-11-19 12:41:18,471 INFO sqlalchemy.engine.Engine COMMIT

2022-11-19 12:41:18,472 INFO sqlalchemy.engine.Engine BEGIN (implicit)

INFO:sqlalchemy.engine.Engine:INSERT INTO hooks\_phase2.key\_in\_uses (loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date) VALUES (%(loans\_key\_id)s, %(loans\_employee\_id)s, %(loans\_room\_number)s, %(loans\_building\_name)s, %(loans\_request\_date)s)

INFO:sqlalchemy.engine.Engine:[generated in 0.00015s] ({'loans\_key\_id': 12, 'loans\_employee\_id': 54321, 'loans\_room\_number': 121, 'loans\_building\_name': 'VIV', 'loans\_request\_date': '2023-12-10'}, {'loans\_key\_id': 1, 'loans\_employee\_id': 14567, 'loans\_room\_number': 136, 'loans\_building\_name': 'HUM', 'loans\_request\_date': '2021-1-23'})

INFO:sqlalchemy.engine.Engine:COMMIT

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> being returned to pool

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> rollback-on-return

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> checked out from pool

INFO:sqlalchemy.engine.Engine:BEGIN (implicit)

INFO:sqlalchemy.engine.Engine:INSERT INTO hooks\_phase2.key\_returns (return\_date, loans\_key\_id, loans\_employee\_id, loans\_room\_number, loans\_building\_name, loans\_request\_date) VALUES (%(return\_date)s, %(loans\_key\_id)s, %(loans\_employee\_id)s, %(loans\_room\_number)s, %(loans\_building\_name)s, %(loans\_request\_date)s)

INFO:sqlalchemy.engine.Engine:[generated in 0.00023s] {'return\_date': '2010-12-20', 'loans\_key\_id': 13, 'loans\_employee\_id': 42069, 'loans\_room\_number': 274, 'loans\_building\_name': 'BIO', 'loans\_request\_date': '2010-11-10'}

INFO:sqlalchemy.engine.Engine:COMMIT

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> being returned to pool

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> rollback-on-return

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> checked out from pool

INFO:sqlalchemy.engine.Engine:BEGIN (implicit)

INFO:sqlalchemy.engine.Engine:INSERT INTO hooks\_phase2.access (hook\_id, room\_number, building\_name, door\_type) VALUES (%(hook\_id)s, %(room\_number)s, %(building\_name)s, %(door\_type)s)

INFO:sqlalchemy.engine.Engine:[generated in 0.00025s] ({'hook\_id': 1, 'room\_number': 450, 'building\_name': 'ECS', 'door\_type': 'Front'}, {'hook\_id': 2, 'room\_number': 121, 'building\_name': 'VIV', 'door\_type': 'Back'}, {'hook\_id': 3, 'room\_number': 323, 'building\_name': 'ENGR 4', 'door\_type': 'Right'}, {'hook\_id': 4, 'room\_number': 274, 'building\_name': 'BIO', 'door\_type': 'Right'}, {'hook\_id': 5, 'room\_number': 136, 'building\_name': 'HUM', 'door\_type': 'Front'}, {'hook\_id': 6, 'room\_number': 136, 'building\_name': 'HUM', 'door\_type': 'Back'}, {'hook\_id': 7, 'room\_number': 412, 'building\_name': 'PSY', 'door\_type': 'Back'}, {'hook\_id': 4, 'room\_number': 800, 'building\_name': 'ECS', 'door\_type': 'Front'}, {'hook\_id': 2, 'room\_number': 700, 'building\_name': 'ECS', 'door\_type': 'Back'})

INFO:sqlalchemy.engine.Engine:COMMIT

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> being returned to pool

DEBUG:sqlalchemy.pool.impl.QueuePool:Connection <connection object at 0x0000022A25D8BEF0; dsn: 'user=postgres password=xxx dbname=postgres host=localhost port=5432', closed: 0> rollback-on-return

2022-11-19 12:41:18,473 INFO sqlalchemy.engine.Engine INSERT INTO hooks\_phase2.access (hook\_id, room\_number, building\_name, door\_type) VALUES (%(hook\_id)s, %(room\_number)s, %(building\_name)s, %(door\_type)s)

2022-11-19 12:41:18,474 INFO sqlalchemy.engine.Engine [generated in 0.00025s] ({'hook\_id': 1, 'room\_number': 450, 'building\_name': 'ECS', 'door\_type': 'Front'}, {'hook\_id': 2, 'room\_number': 121, 'building\_name': 'VIV', 'door\_type': 'Back'}, {'hook\_id': 3, 'room\_number': 323, 'building\_name': 'ENGR 4', 'door\_type': 'Right'}, {'hook\_id': 4, 'room\_number': 274, 'building\_name': 'BIO', 'door\_type': 'Right'}, {'hook\_id': 5, 'room\_number': 136, 'building\_name': 'HUM', 'door\_type': 'Front'}, {'hook\_id': 6, 'room\_number': 136, 'building\_name': 'HUM', 'door\_type': 'Back'}, {'hook\_id': 7, 'room\_number': 412, 'building\_name': 'PSY', 'door\_type': 'Back'}, {'hook\_id': 4, 'room\_number': 800, 'building\_name': 'ECS', 'door\_type': 'Front'}, {'hook\_id': 2, 'room\_number': 700, 'building\_name': 'ECS', 'door\_type': 'Back'})

2022-11-19 12:41:18,477 INFO sqlalchemy.engine.Engine COMMIT

1. Create a new Key

2. Request access to a given room by a given employee

3. Display key issued to an employee

4. Capturing losing a key

5. Display all rooms an employee can enter, given the key that they already have

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. Display all employees who can get into a room

11. Quit

Enter Choice: