import pickle #used to store elements (SQL for storage would be better, though)

from auth import \* #import the auth.py module

USER\_PICKLE = 'user\_pickle.dat' #filename, where the user data is saved to

ACL\_PICKLE = 'acl\_pickle.dat' #filename, where the ACL is saved to

# ----------------------

# clear command line window

# ----------------------

screen\_clear() #clear the screen

#-----------------------

# fill the user table

#-----------------------

users = []

users.append(User('tim',

'bdeb0bfcf34ad6f0e21816b60137f2118d1ec541f814eaff5bd58887ba7e1f50',

'889f299b74a5308ea38020995291efa69f3dcdaf61f655c2fa358eda99783d46',

['2021-04 | Covid vaccination','2020-12 | stomach ache','2019-04 | flu']))

users.append(User('steve',

'e20a27ba3d051a97974c9abf3acb4db2e2187f8fb9c1bae5fec9b3d5d363684b',

'8c9ab77460e0404d0a1d97e009b66155a6654df3022a1bb4e0f91e0f7f686b95',

[]))

users.append(User('Administrator',

'8ba211b871eb19efd4d303397609a8e318ad2519afb943c928badbc95ab2aa67',

'fc9e2e5d533867b48fc7844d904485928b1d04302c2eede0e97533aacc32a99a',

['2021-04 | Covid vaccination']))

with open(USER\_PICKLE, 'wb') as f:

    pickle.dump(users, f)

#-----------------------

# fill the access control list (ACL)

#-----------------------

access\_control\_list = []

access\_control\_list.append(AccessControlListEntry('tim',[

        'read\_own\_medical\_history'

        ]))

access\_control\_list.append(AccessControlListEntry('steve',[

        'read\_other\_patients\_medical\_history',

        'read\_own\_medical\_history'

        ]))

access\_control\_list.append(AccessControlListEntry('Administrator',[

        'add\_user',

        'add\_new\_global\_permission',

        'change\_user\_permissions',

        'read\_other\_patients\_medical\_history',

        'read\_own\_medical\_history',

        'is\_logged\_in',

        'print\_user\_permissions'

        ]))

with open(ACL\_PICKLE, 'wb') as f:

    pickle.dump(access\_control\_list, f)

#-----------------------

# print out some information

#-----------------------

print()

print('Factory reset of ASMIS \'backend\' successfull')

print()

print('Here are some logins:')

print('Username: tim            | password: qwerty1234')

print('Username: steve          | password: yolo007')

print('Username: Administrator  | password: password')

print()

print('fyi: try \'read\_out\_backend.py\' to get other tables from the backend')

print()