Group Account Setup

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These instructions will lead you through the process of setting up your shared group account for Apache access and for Flask development, as well as transferring your project deliverables from a personal account to your shared group account. Instructions for changing your shared group account's password are at the end of this document.

In the example below, the source personal account with the group's current project deliverables is `mmishuk` and the destination group account is `parkgo`. In the commands below, replace these two accounts with the appropriate personal and group accounts for your situation.

Using NoMachine, log in as `mmishuk`, open a terminal, and run:

```
# Lines like this are comments.  DON'T type them.


# Make sure you're in your home directory.
cd


# Create an archive of all files needed for your web site and for flask,
# preserving ACLs (permissions).  files.tar will be the name of the
# archive. Zip doesn't preserve ACLs, so it is of no use in this situation.
tar  cvf  files.tar  --acls  .secrets  public_html


# Give the parkgo account access to the archive, which requires access
# to your home directory ('~',the tilde character)
setfacl  -m  u:parkgo:rX  files.tar  ~


# From the terminal, switch users to parkgo account.  You will have to
# provide parkgo's password.
su  -  parkgo


# Make sure you're in parkgo's home directory.
cd


# Confirm that umask's value is 022.
umask


# Grant read and search ACLs on parkgo's home directory ('~', the tilde
# character) to the Apache web server's user.
setfacl  -m  u:www-data:rx  ~
```

```
# Extract the archive you just made into the parkgo account.  The '~'
# character in this command is the tilde character.  It appears in this
# command and several of the commands later on.
tar  xvf  ~mmishuk/files.tar  --acls

# Change the SECRET_KEY value in cs417secrets.py.  nano is a file editor.
nano  .secrets/cs417secrets.py

# Log out from the parkgo account.
logout

# You are now back in the mmishuk account.  Remove the archive file.
rm  files.tar

# Remove parkgo's ACL on your home directory.
setfacl  -x  u:parkgo  ~
```

Log out from your account in NoMachine. Log back in as `parkgo`. Open a terminal in `~/public_html/wsgi`. Run the command

```
flask  run
```

Confirm that the current web app runs correctly.

Next, confirm that web apps work correctly from Apache on phoenix for `parkgo`. Using a web browser, visit the URL

```
https://phoenix.goucher.edu/~parkgo/wsgi/pageCount.py
```

Confirm that the `pageCount` app works correctly.

Finally, visit your project's deliverables page:

```
https://phoenix.goucher.edu/~parkgo
```

Confirm that your project's deliverables are accessible.

To change the password of your shared group account, use NoMachine to log in to your shared group account and:

1. Click the word `menu` in the upper left corner of the desktop.

2. Type `password` into the search bar.

3. Two programs will be listed: `Password` and `Passwords and Keys`. Click on `Password`.

4. Use `Password` to change your shared group account's login password.

DON'T attempt to use `Password` to change the password of your Goucher account (i.e., usernames

of the type `absia001`). Use the Goucher web site to change you password for these accounts.