

**Flask continued**

# Flask Request

- this is *NOT* the same as python requests

```
from flask import request
```

```
@app.route('/create_user/', methods=['GET', 'POST'])
def create_user():

    if request.method == 'GET':
        return render_template('create_user.html')

    # Handle POST here
```

## Form to create\_user

- goes in templates/create\_user.html
- it is essential to specify method="post"

```
<form method="post">  
  username:<input name="username"/><br/>  
  password:<input type='password' name="password"/><br/>  
  <input type='submit' value="submit">  
</form>
```

# Getting the form data

- goes in create\_user function in app.py, in the "handle POST" section
- redirect appropriately based on success/fail

```
un = request.form.get('username')
pw = request.form.get('password')

# TODO: Make a call to your user API to create a user

if success:
    return redirect(url_for('list_users'))
else:
    return redirect(url_for('create_user'))
```

# Flashing messages

- used to give feedback to the user

```
# Add the secret key after this:  
# app = Flask(__name__)  
app.secret_key = b'_5#y2L"F4Q8z\n\xec]/'
```

```
if success:  
    flash(f'successfully created user {username}')
```

return redirect(url\_for('list\_users'))

```
else:  
    flash(f'failed to create user - {err_msg}')
```

return redirect(url\_for('create\_user'))

# Showing flashed messages

- use the logic if you only want to show the div when there is a message to show
- this will only show the first flash message

```
{% set messages=get_flashed_messages() %}  
{% if messages %}  
    <div> {{messages[0]}} </div>  
{% endif %}
```