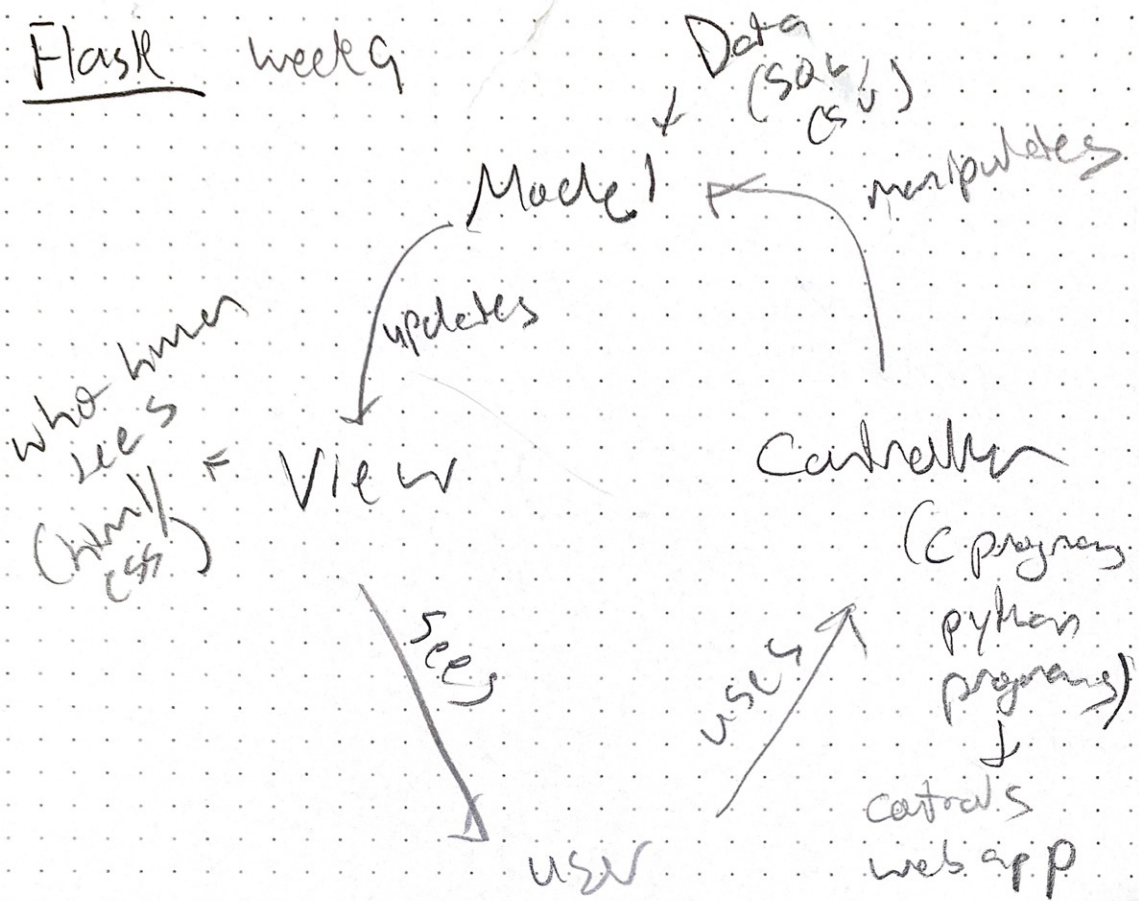


Flask week 9



Common structure for web frameworks

Path for "go" in MVC structure

Q View
html form appends go request w/
form action="/go" method="get"
input name="name" type="text" value=""

new url will be www.example.com/go?name=whenever types

②

Controller then looks at end
@app.route('/greet') from html input tag
def greet():
 name = request.args.get("name")
 return render_template("greet.html", name=name)

Cookies

↓
"hand stamp"
↓
a hash, or
random number
assigned to
the ~~cookie~~ of
an http request
ie. your browser

passed into
greet.html
where we

find
hello {{ name }}

← another
arbitrary
new variable
this is the
first arbitrary
variable being
passed in

HTTP Header

Cookies: session = {value}

↑
the random
number

Notes on AJAX / SQL / PYTHON search functionality

For simplicity

2 options for submitting request to search db

1. HTML <Form> w/ Python / Flask Backend
2. HTML <input> w/ javascript AJAX Request w/ Python / Flask Backend

Option 1 we've seen:

```
<form action="/example" method="get">
  <input (etc.) >
</form>
```

Option 2: HTML

in script tags <input ... >

it's added to the URL

```
<script>
$.get('/search?q=' + input.value, function() {
  // ...
})
```

this is appended to the head of HTML page

this will where we write our code

Header 100% to fetch search results

calls back function

SQL request