Mobile Application Development

Higher Diploma in Science in Computer Science

Produced by

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Waterford Institute *of* Technology
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eLearning support unit

Restructured Donation-Service UI

Login to donate to Abamo

localhost:9000/login

Donation | Signup | Login

Log-in

Email

Email

Password

LOGIN

Donation Studios 2013 | Built using Semantic ui

Signup for Donation

localhost:9000/signup

Donation | Signup | Login

Register

First Name | Last Name

First Name | Last Name

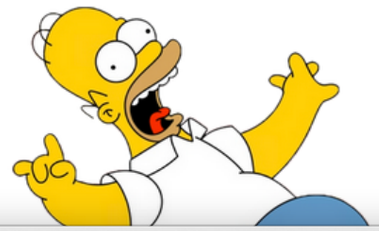
Email

ntic ui | and the Play Framework

Donation Request

localhost:9000

Donation | Signup | Login



Help Me Run Springfield

Donate what you can now - Bitcoins accepted!

Donation Request

localhost:9000/donation

Donation | Donate | Report | Logout

Select Amount

Paypal

Direct

DONATE

Donation Studios 2013 | Built using Semantic ui | and the Play Framework

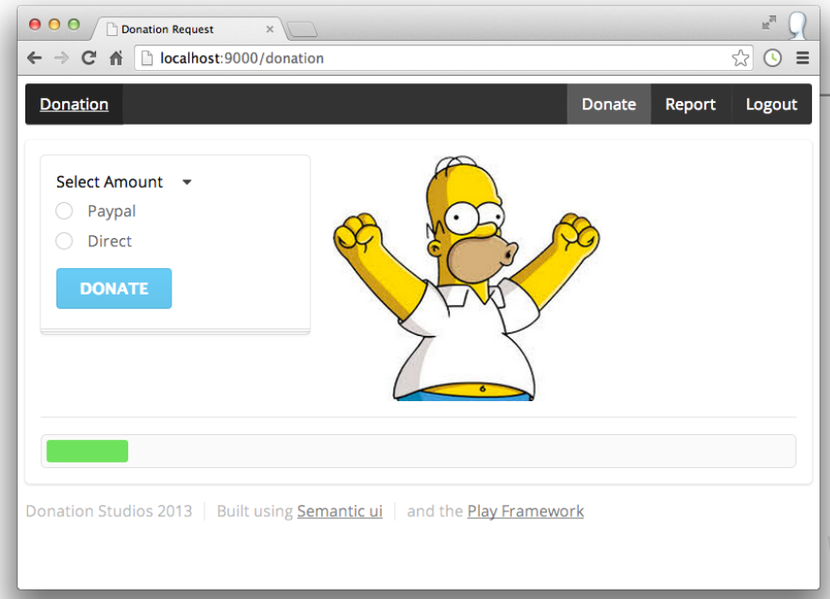
Report

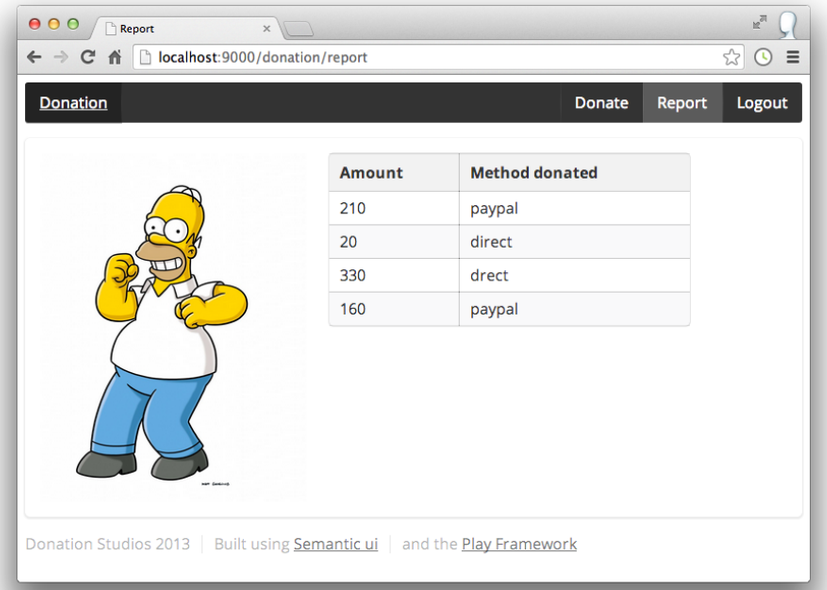
localhost:9000/donation/report

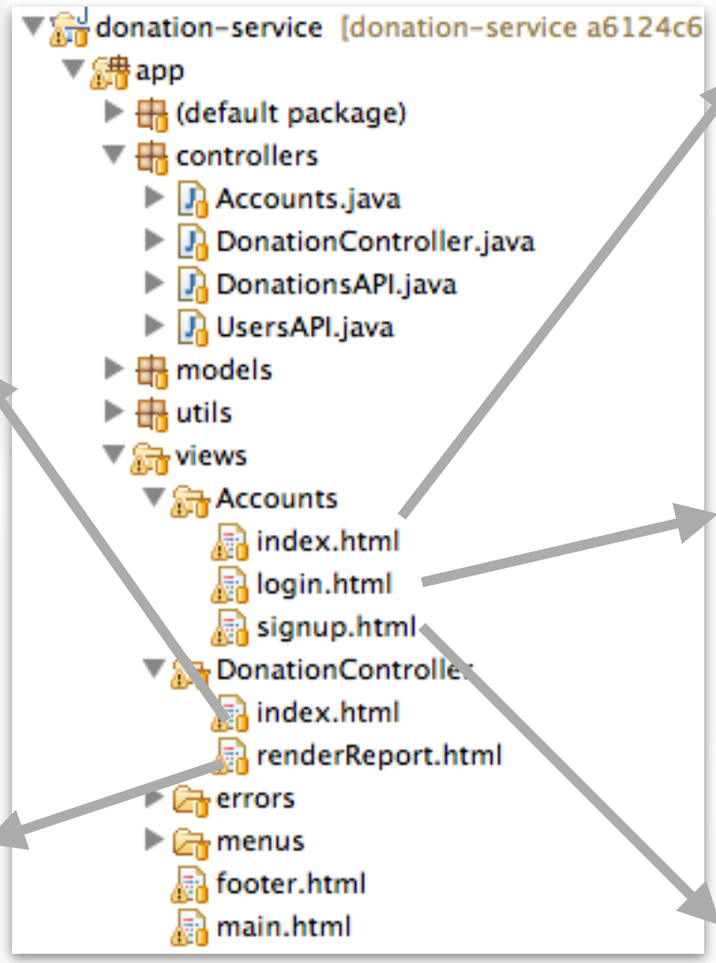
Donation | Donate | Report | Logout

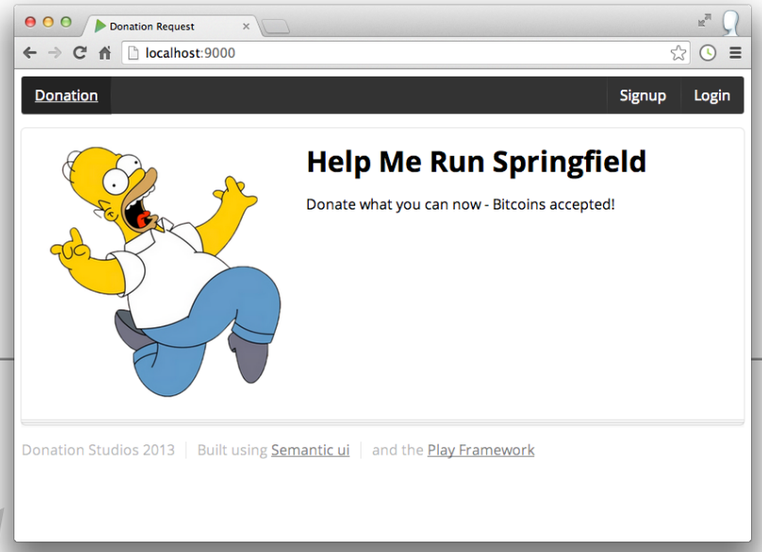
Amount	Method donated
210	paypal
20	direct
330	drect
160	paypal

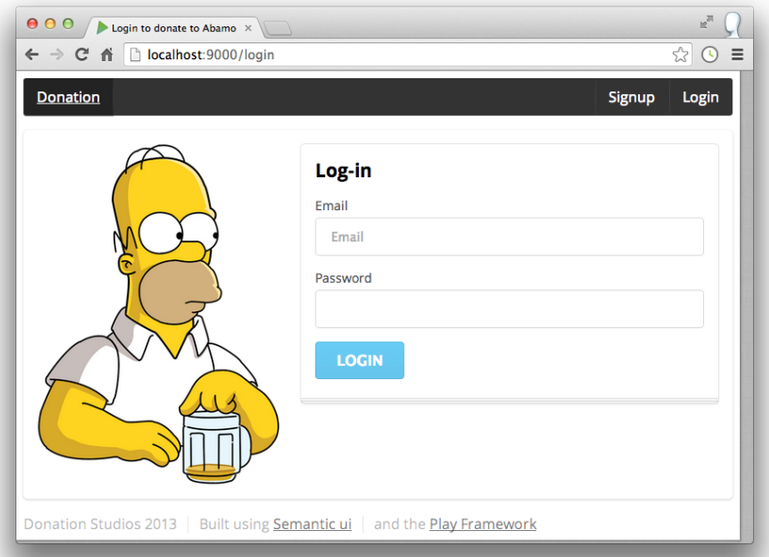
Donation Studios 2013 | Built using Semantic ui | and the Play Framework

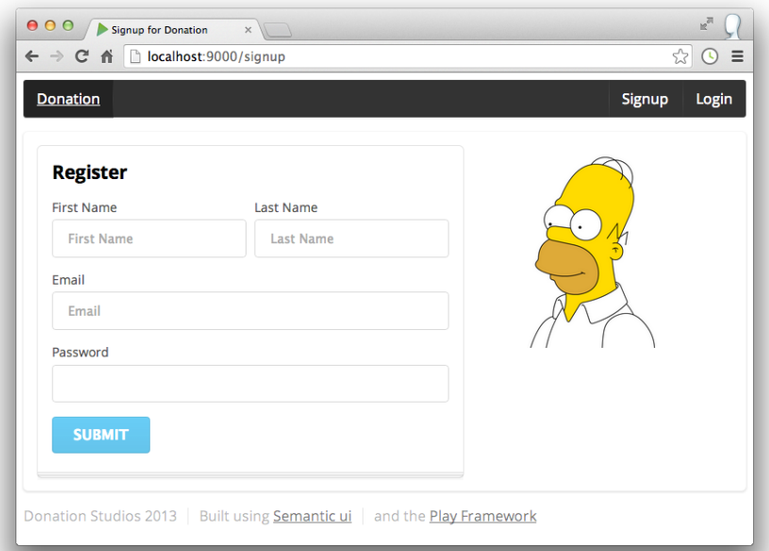

Donation Request
localhost:9000/donation
Donation
Donate
Report
Logout
Select Amount
Paypal
Direct
DONATE
Donation Studios 2013 | Built using Semantic ui | and the Play Framework


Report
localhost:9000/donation/report
Donation
Donate
Report
Logout
Amount
Method donated
210
paypal
20
direct
330
drect
160
paypal
Donation Studios 2013 | Built using Semantic ui | and the Play Framework


donation-service [donation-service a6124c6
app
(default package)
controllers
Accounts.java
DonationController.java
DonationsAPI.java
UsersAPI.java
models
utils
views
Accounts
index.html
login.html
signup.html
DonationController
index.html
renderReport.html
errors
menus
footer.html
main.html


Donation Request
localhost:9000
Donation
Signup
Login
Help Me Run Springfield
Donate what you can now - Bitcoins accepted!
Donation Studios 2013 | Built using Semantic ui | and the Play Framework


Login to donate to Abamo
localhost:9000/login
Donation
Signup
Login
Log-in
Email
Email
Password
LOGIN
Donation Studios 2013 | Built using Semantic ui | and the Play Framework


Signup for Donation
localhost:9000/signup
Donation
Signup
Login
Register
First Name
Last Name
First Name
Last Name
Email
Email
Password
SUBMIT
Donation Studios 2013 | Built using Semantic ui | and the Play Framework

Dashboard UI?

- Decompose the UI into ‘Segments’
- Each Segment is capable of being rendered with any container
- These containers can be standalone pages

  or sections of other pages….

Donation | Signup | Login

Help Me Run Springfield

Donate what you can now - No Bitcoins accepted!

Register

First Name Last Name

First N | Last N

Email

Email

Password

SUBMIT

Log-in

Email

Email

Password

LOGIN

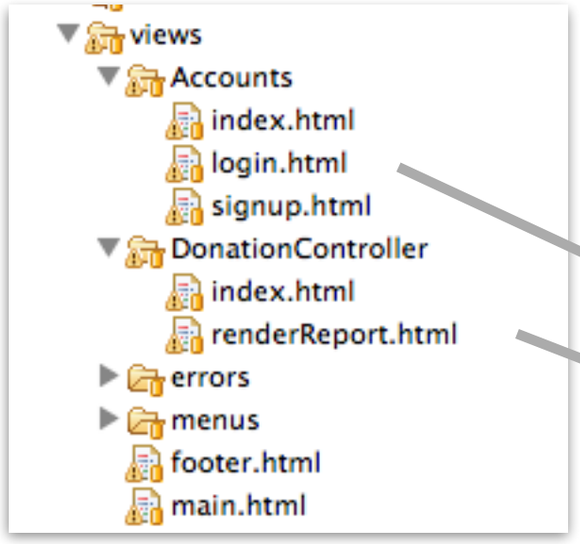
Select Amount

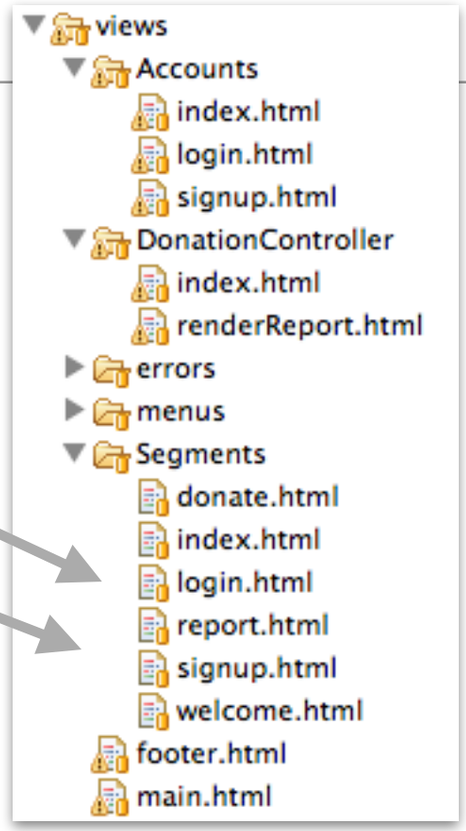
- Paypal
- Direct

DONATE

Amount	Method donated
100	
210	paypal
20	direct
330	drect
1000	
160	paypal

Refactor Views

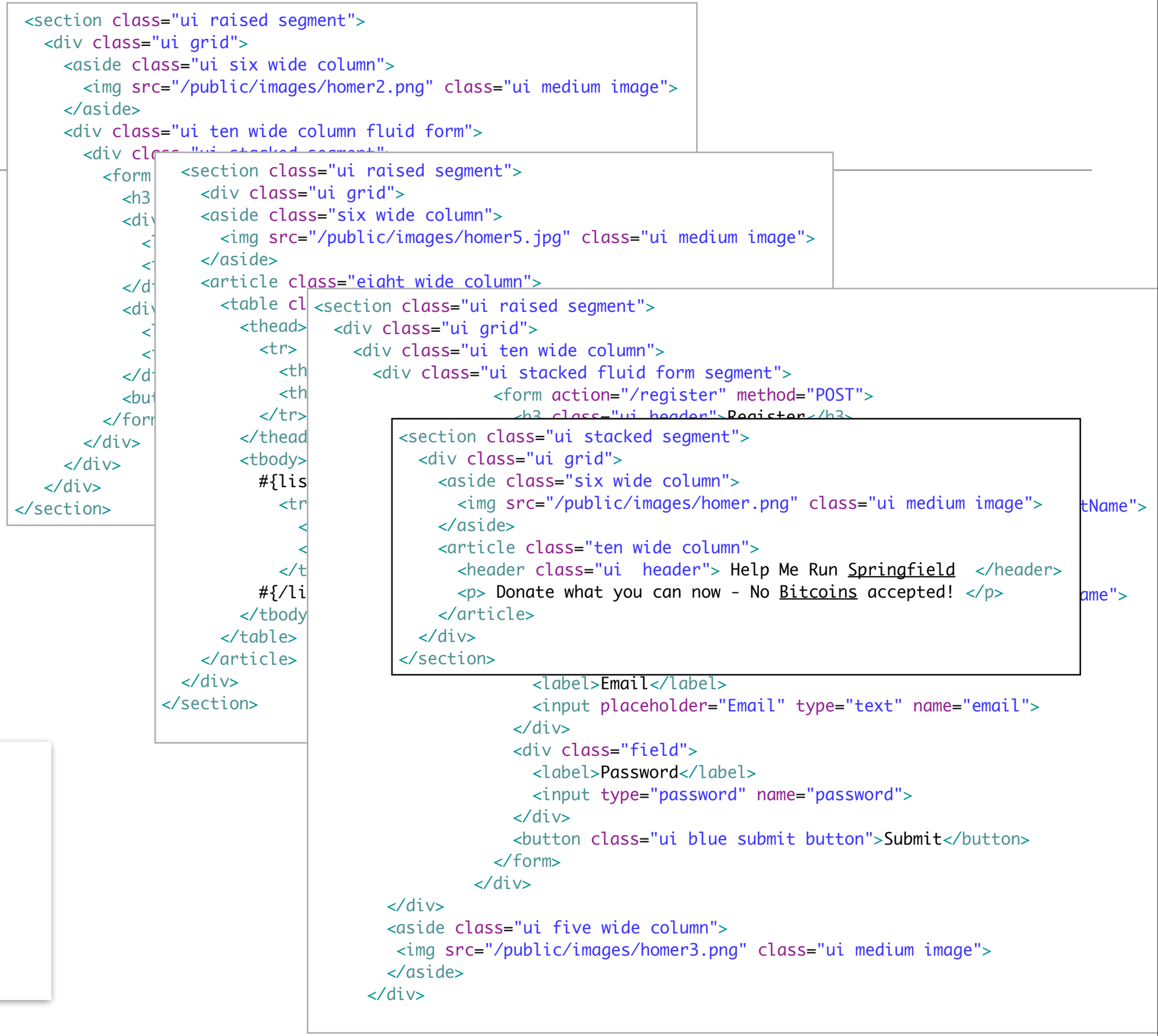


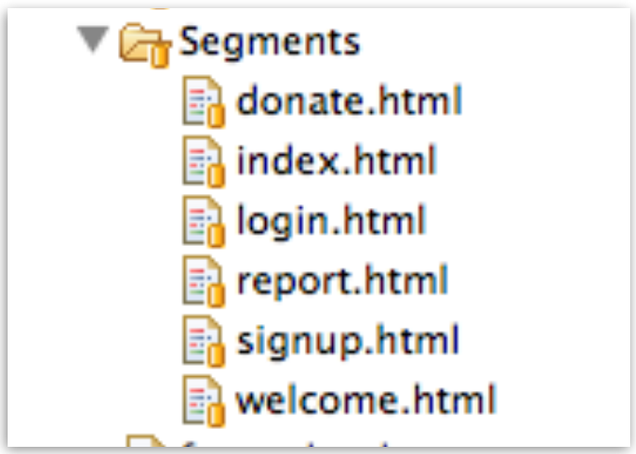


- “Fragment” all of the views into a Segments folder

Segments

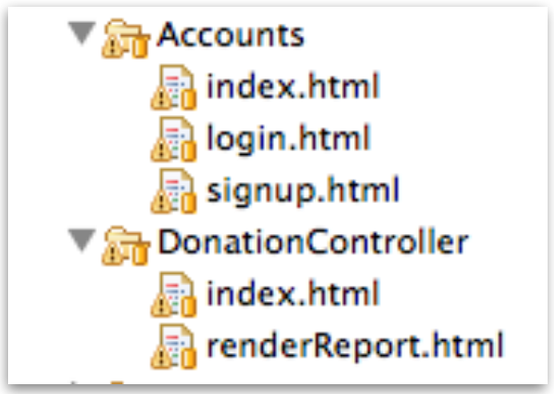
- These segments are standalone - they do not include menus/titles etc..





Existing Views

- Existing View ‘include’ these fragments unmodified




```
#{extends 'main.html' /}
#{set title:'Donations' /}
#{include "menus/welcomemenu.html" /}
#{include "Segments/welcome.html" /}
```

```
#{extends 'main.html' /}
#{set title:'Login to donate to Abamo' /}

#{include "menus/welcomemenu.html" /}
#{include "Segments/login.html" /}
```

```
#{extends 'main.html' /}
#{set title:'Signup for Donation' /}

#{include "menus/welcomemenu.html" /}
#{include "Segments/signup.html" /}
```

```
#{extends 'main.html' /}
#{set title:'Report' /}

<nav class="ui inverted menu">
  <header class="header item"> <a href="/"> Donation </a> </header>
  <div class="right menu">
    <a class="item" href="/donation"> Donate</a>
    <a class="active item" href="/donation/report">  Report</a>
    <a class="item" href="/logout">  Logout</a>
  </div>
</nav>

#{include "Segments/report.html" /}
```

Donation

Donate | Report | Logout

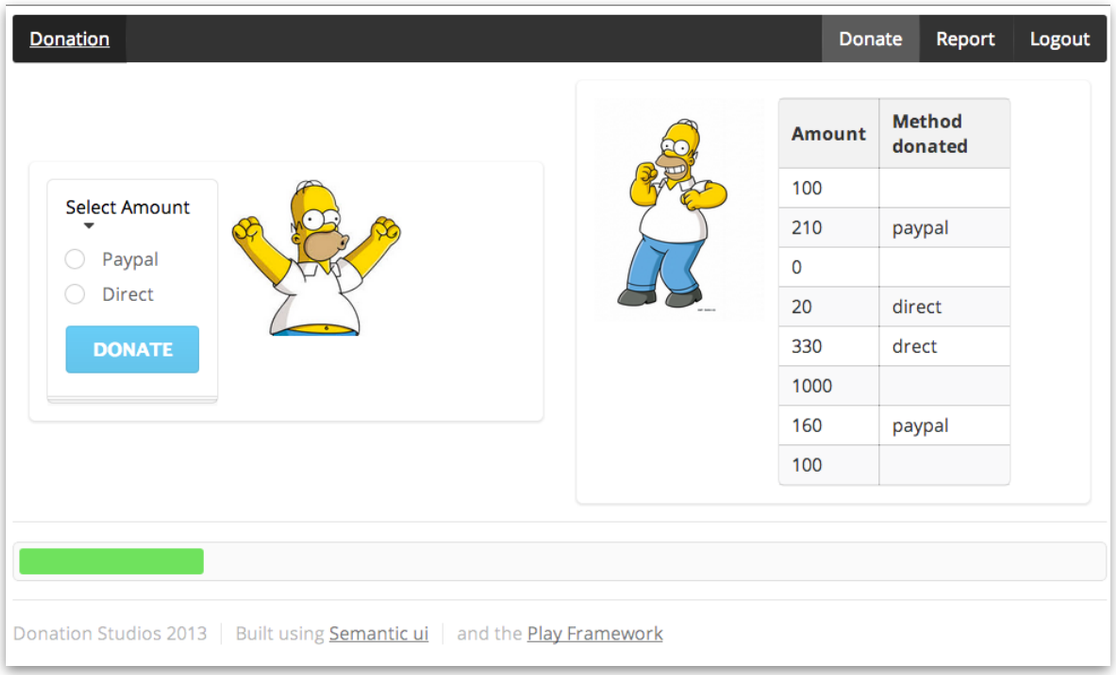
Select Amount

- Paypal
- Direct

DONATE

Amount	Method donated
100	
210	paypal
0	
20	direct
330	drect
1000	
160	paypal
100	

New Views Assembled from these Segments




```
#{extends 'main.html' /}
#{set title:'Donation Request' /}

<nav class="ui inverted menu">
  <header class="header item"> <a href="/"> Donation </a> </header>
  <div class="right menu">
    <a class="active item" href="/donation"> Donate</a>
    <a class="item" href="/donation/report">  Report</a>
    <a class="item" href="/logout">  Logout</a>
  </div>
</nav>

<section class="ui raised segment">
  <div class="ui middle aligned two column grid">
    <div class="column">
      #{include "Segments/donate.html" /}
     </div>
     <div class="column">
      #{include "Segments/report.html" /}
     </div>
  </div>

  <div class="ui  divider"></div>

  <div class="ui successful progress">
    <div class="bar" style="width:${progress}"> </div>
  </div>
</section>
```

Donation

Donate | Report | Logout

Select Amount

- Paypal
- Direct

DONATE

Amount	Method donated
100	
210	paypal
0	
20	direct
330	drect
1000	
160	paypal
100	

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```
<div class="ui middle aligned two column grid">
  <div class="column">
    #{include "Segments/donate.html" /}
  </div>
  <div class="column">
    #{include "Segments/report.html" /}
  </div>
</div>
```

What does this do?

```
#{extends 'main.html' /}
#{set title:'Dashboard' /}
#{include "menus/welcomemenu.html" /}

  <div class="ui middle aligned three column grid">
    <div class="row">
      <div class="column">
        #{include "Segments/welcome.html" /}
      </div>
      <div class="column">
        #{include "Segments/signup.html" /}
      </div>
      <div class="five wide column">
        #{include "Segments/login.html" /}
      </div>
    </div>
    <div class="row">
      <div class="column">
        #{include "Segments/donate.html" /}
      </div>
      <div class="column">
        #{include "Segments/report.html" /}
      </div>
    </div>
  </div
```

Donation | Signup | Login

Help Me Run Springfield

Donate what you can now - No Bitcoins accepted!

Register

First Name Last Name

First N | Last N

Email

Email

Password

SUBMIT

Log-in

Email

Email

Password

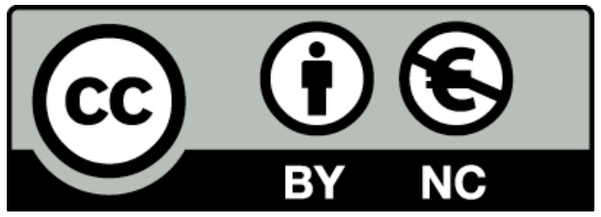
LOGIN

Select Amount

- Paypal
- Direct

DONATE

Amount	Method donated
100	
210	paypal
20	direct
330	drect
1000	
160	paypal



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