Research Match: Sprint 4

Deadline Tech

Feedback:

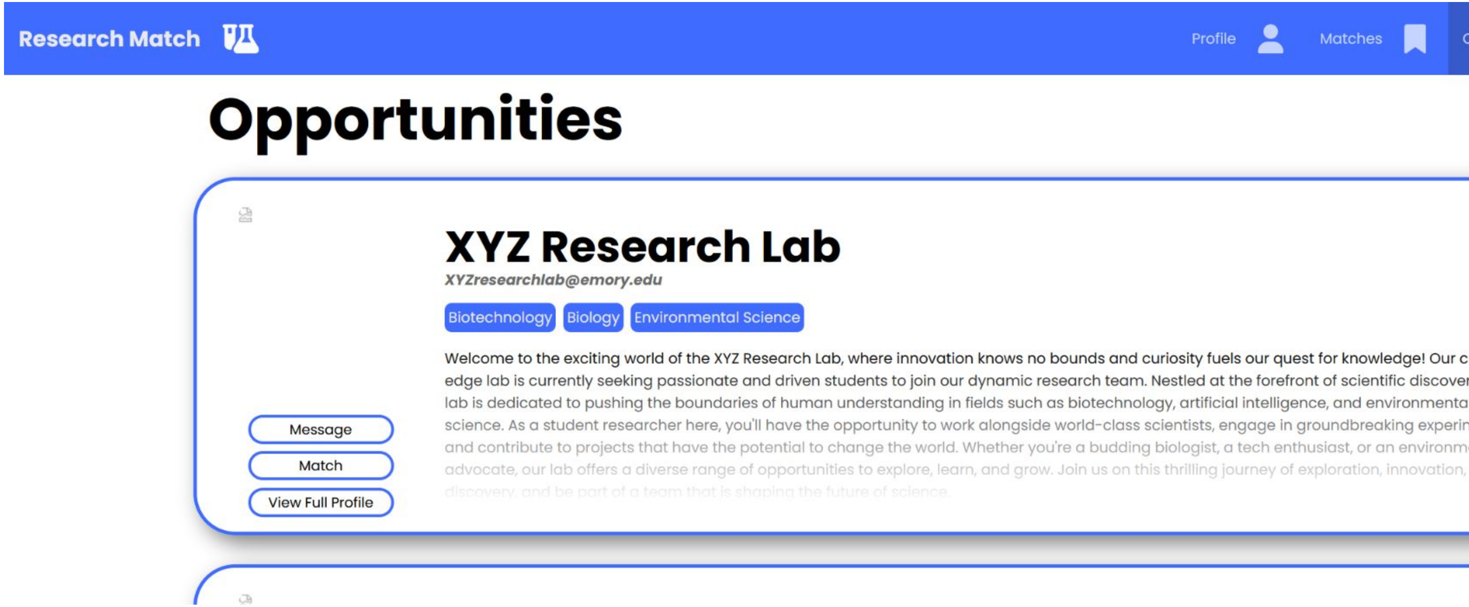
- CSS improvements
- Show more code
- Admin page

Front End Styling

- UI changes
- Improved HTML/CSS structure
- Tags
- Settings page

Front End - UI

- Font sizes
- Margins
- Boxes
- Text fade



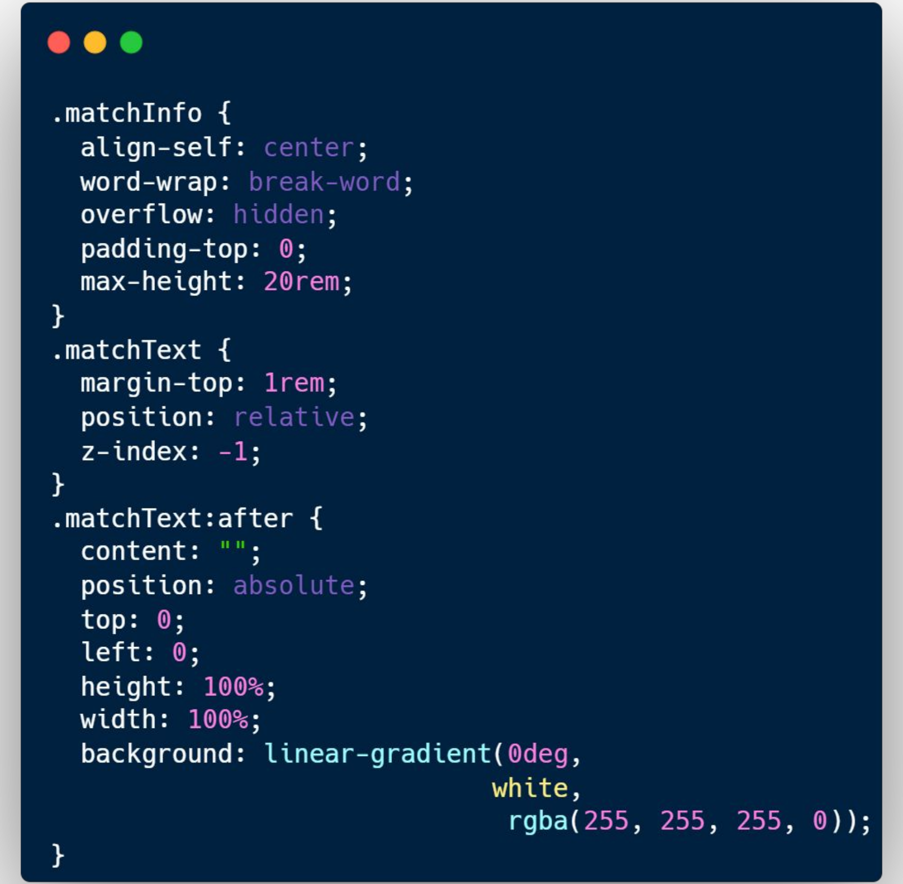
Opportunities

XYZ Research Lab

XYZresearchlab@emory.edu

Biotechnology Biology Environmental Science

Welcome to the exciting world of the XYZ Research Lab, where innovation knows no bounds and curiosity fuels our quest for knowledge! Our c
edge lab is currently seeking passionate and driven students to join our dynamic research team. Nestled at the forefront of scientific discover
lab is dedicated to pushing the boundaries of human understanding in fields such as biotechnology, artificial intelligence, and environmenta
science. As a student researcher here, you'll have the opportunity to work alongside world-class scientists, engage in groundbreaking experin
and contribute to projects that have the potential to change the world. Whether you're a budding biologist, a tech enthusiast, or an environm
advocate, our lab offers a diverse range of opportunities to explore, learn, and grow. Join us on this thrilling journey of exploration, innovation,
discovery, and be part of a team that is shaping the future of science.

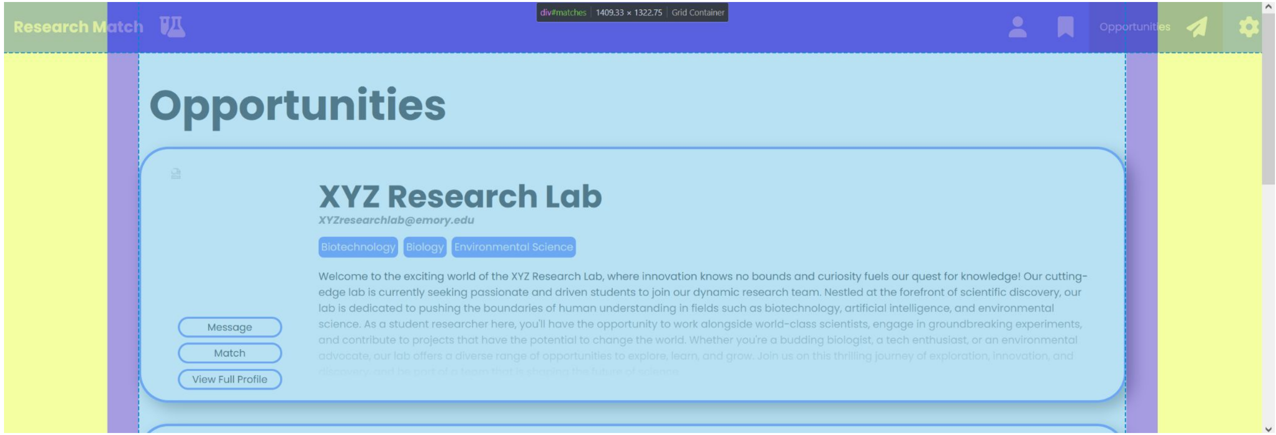


```
.matchInfo {
  align-self: center;
  word-wrap: break-word;
  overflow: hidden;
  padding-top: 0;
  max-height: 20rem;
}
.matchText {
  margin-top: 1rem;
  position: relative;
  z-index: -1;
}
.matchText:after {
  content: "";
  position: absolute;
  top: 0;
  left: 0;
  height: 100%;
  width: 100%;
  background: linear-gradient(0deg,
                             white,
                              rgba(255, 255, 255, 0));
}
```

Front End - Structure

- Same lab profiles in opportunities page and matches page.

- Wrapper
  - Grid
    - Elements



Opportunities

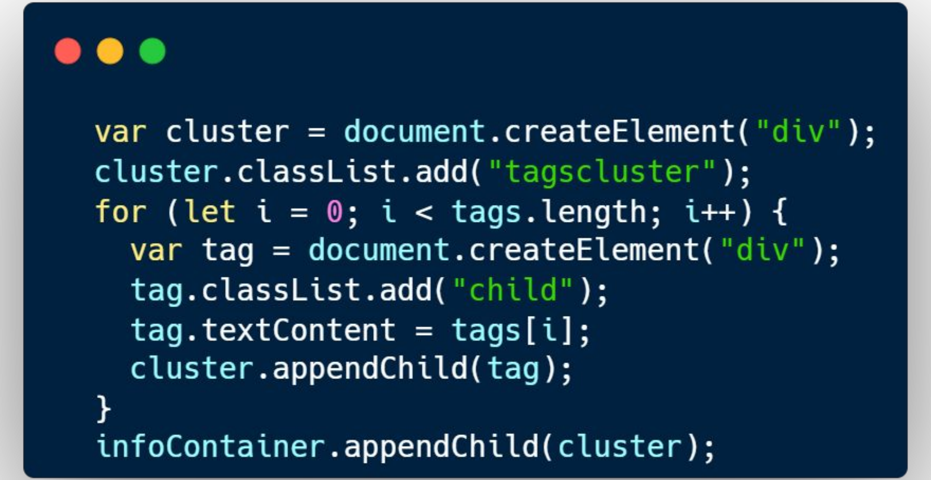
XYZ Research Lab

XYZresearchlab@emory.edu

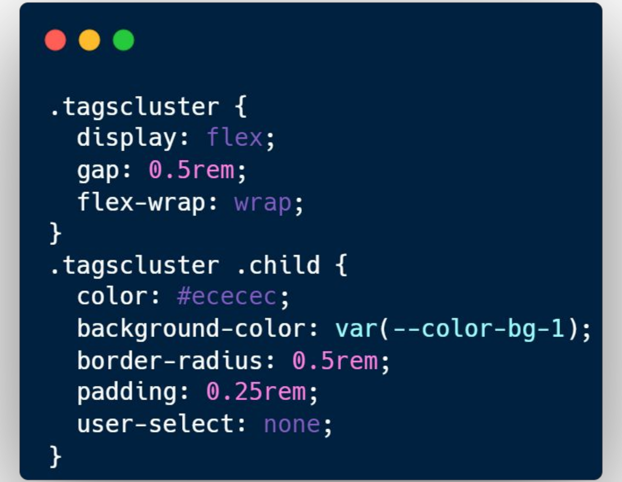
Biotechnology Biology Environmental Science

Welcome to the exciting world of the XYZ Research Lab, where innovation knows no bounds and curiosity fuels our quest for knowledge! Our cutting-edge lab is currently seeking passionate and driven students to join our dynamic research team. Nestled at the forefront of scientific discovery, our lab is dedicated to pushing the boundaries of human understanding in fields such as biotechnology, artificial intelligence, and environmental science. As a student researcher here, you'll have the opportunity to work alongside world-class scientists, engage in groundbreaking experiments, and contribute to projects that have the potential to change the world. Whether you're a budding biologist, a tech enthusiast, or an environmental advocate, our lab offers a diverse range of opportunities to explore, learn, and grow. Join us on this thrilling journey of exploration, innovation, and discovery, and be part of a team that is shaping the future of science.

Front End - Tags



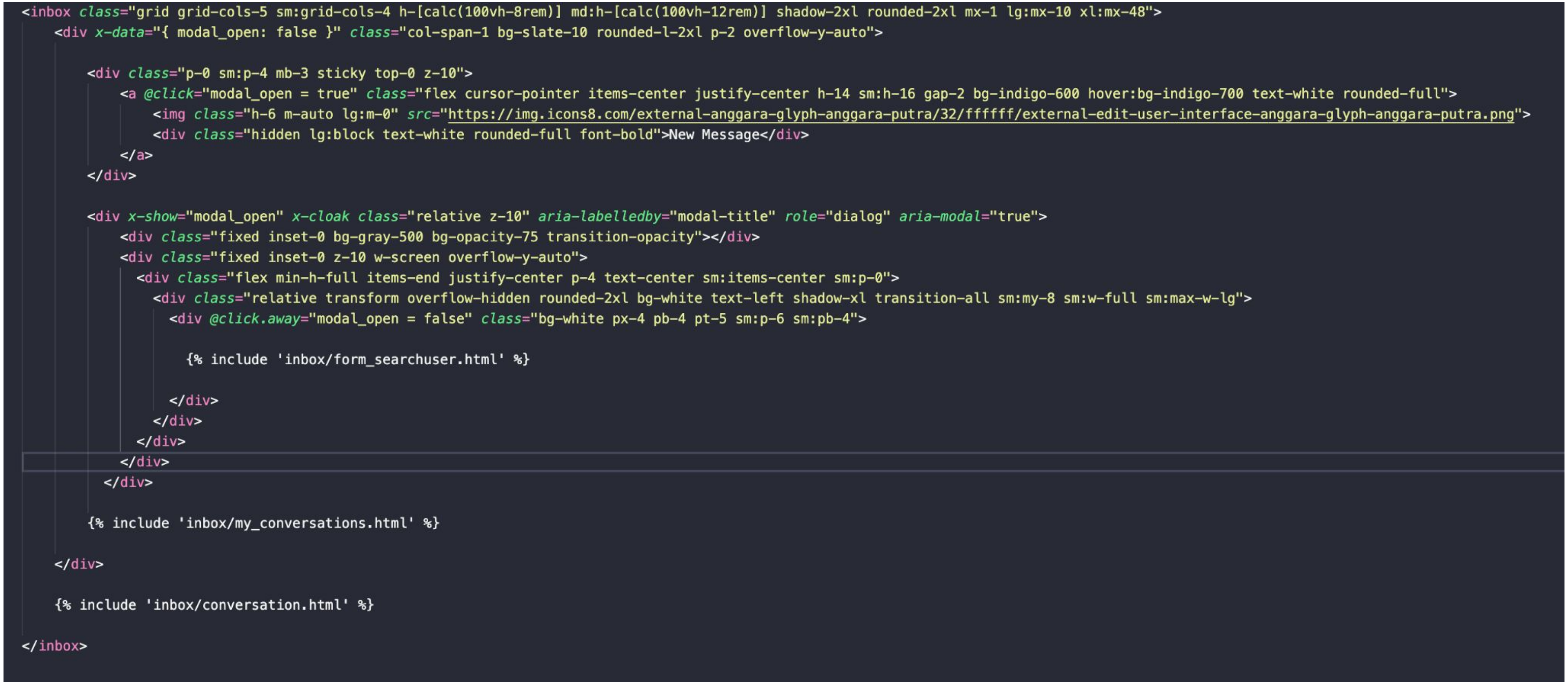
```
var cluster = document.createElement("div");
cluster.classList.add("tagscluster");
for (let i = 0; i < tags.length; i++) {
  var tag = document.createElement("div");
  tag.classList.add("child");
  tag.textContent = tags[i];
  cluster.appendChild(tag);
}
infoContainer.appendChild(cluster);
```



```
.tagscluster {
  display: flex;
  gap: 0.5rem;
  flex-wrap: wrap;
}
.tagscluster .child {
  color: #ececec;
  background-color: var(--color-bg-1);
  border-radius: 0.5rem;
  padding: 0.25rem;
  user-select: none;
}
```

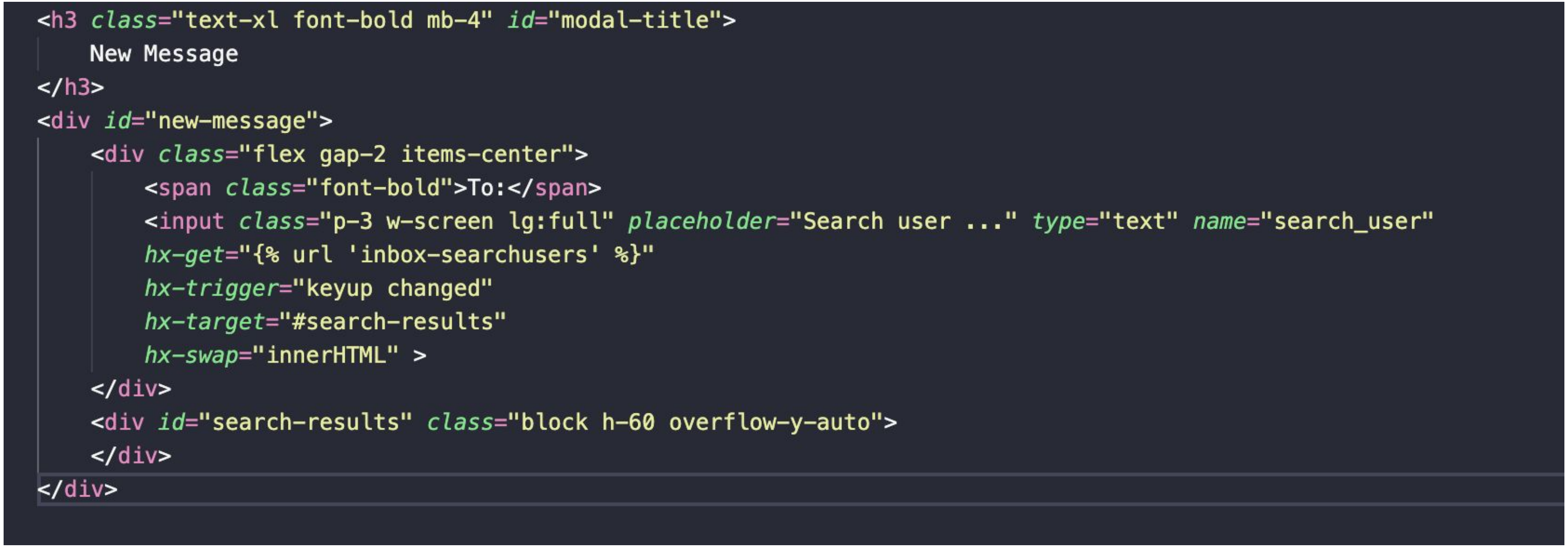
Front End Styling Demo

Inbox - Front End



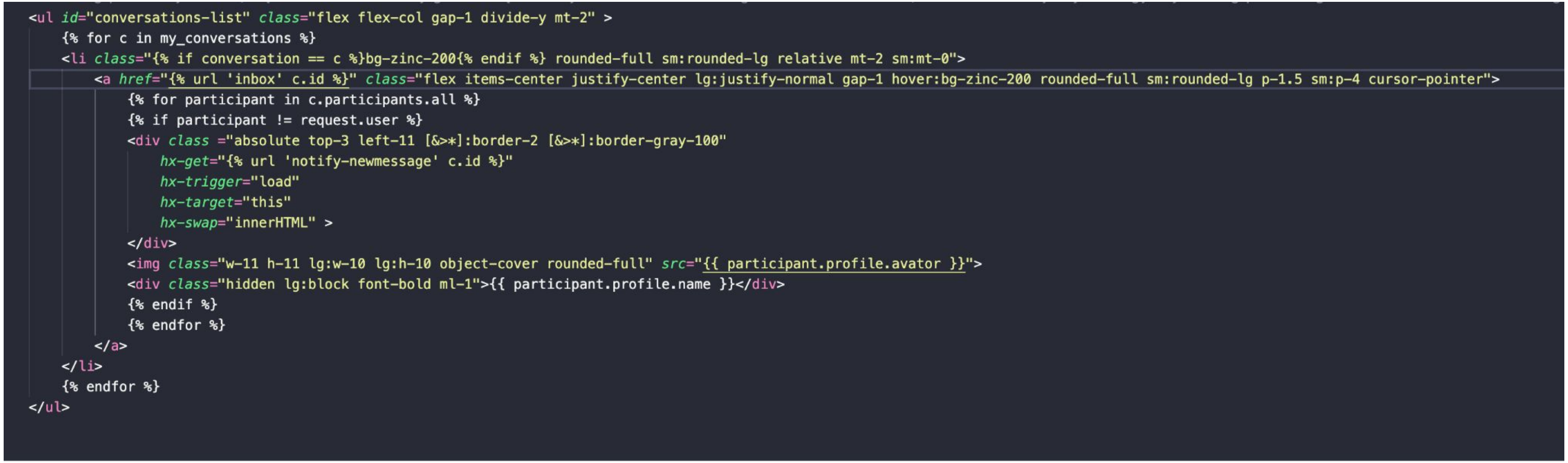
```
<inbox class="grid grid-cols-5 sm:grid-cols-4 h-[calc(100vh-8rem)] md:h-[calc(100vh-12rem)] shadow-2xl rounded-2xl mx-1 lg:mx-10 xl:mx-48">
    <div x-data="{ modal_open: false }" class="col-span-1 bg-slate-10 rounded-l-2xl p-2 overflow-y-auto">

        <div class="p-0 sm:p-4 mb-3 sticky top-0 z-10">
            <a @click="modal_open = true" class="flex cursor-pointer items-center justify-center h-14 sm:h-16 gap-2 bg-indigo-600 hover:bg-indigo-700 text-white rounded-full">
                <img class="h-6 m-auto lg:m-0" src="https://img.icons8.com/external-anggara-glyph-anggara-putra/32/ffffff/external-edit-user-interface-anggara-glyph-anggara-putra.png">
                <div class="hidden lg:block text-white rounded-full font-bold">New Message</div>
            </a>
        </div>

        <div x-show="modal_open" x-cloak class="relative z-10" aria-labelledby="modal-title" role="dialog" aria-modal="true">
            <div class="fixed inset-0 bg-gray-500 bg-opacity-75 transition-opacity"></div>
            <div class="fixed inset-0 z-10 w-screen overflow-y-auto">
              <div class="flex min-h-full items-end justify-center p-4 text-center sm:items-center sm:p-0">
                <div class="relative transform overflow-hidden rounded-2xl bg-white text-left shadow-xl transition-all sm:my-8 sm:w-full sm:max-w-lg">
                  <div @click.away="modal_open = false" class="bg-white px-4 pb-4 pt-5 sm:p-6 sm:pb-4">

                    {% include 'inbox/form_searchuser.html' %}

                  </div>
                </div>
              </div>
            </div>
          </div>

        {% include 'inbox/my_conversations.html' %}

    </div>

    {% include 'inbox/conversation.html' %}

</inbox>
```

Inbox-Front End



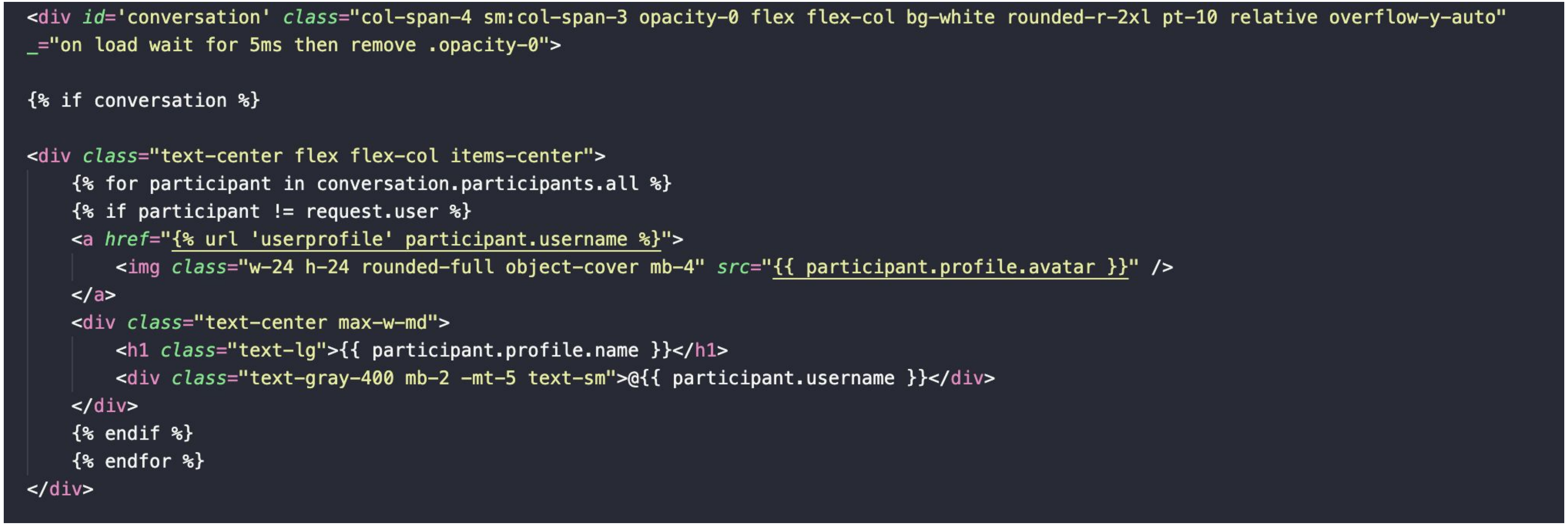
```
<h3 class="text-xl font-bold mb-4" id="modal-title">
    New Message
</h3>
<div id="new-message">
    <div class="flex gap-2 items-center">
        <span class="font-bold">To:</span>
        <input class="p-3 w-screen lg:full" placeholder="Search user ..." type="text" name="search_user"
        hx-get="{% url 'inbox-searchusers' %}"
        hx-trigger="keyup changed"
        hx-target="#search-results"
        hx-swap="innerHTML" >
    </div>
    <div id="search-results" class="block h-60 overflow-y-auto">
    </div>
</div>
```

Inbox-Front End



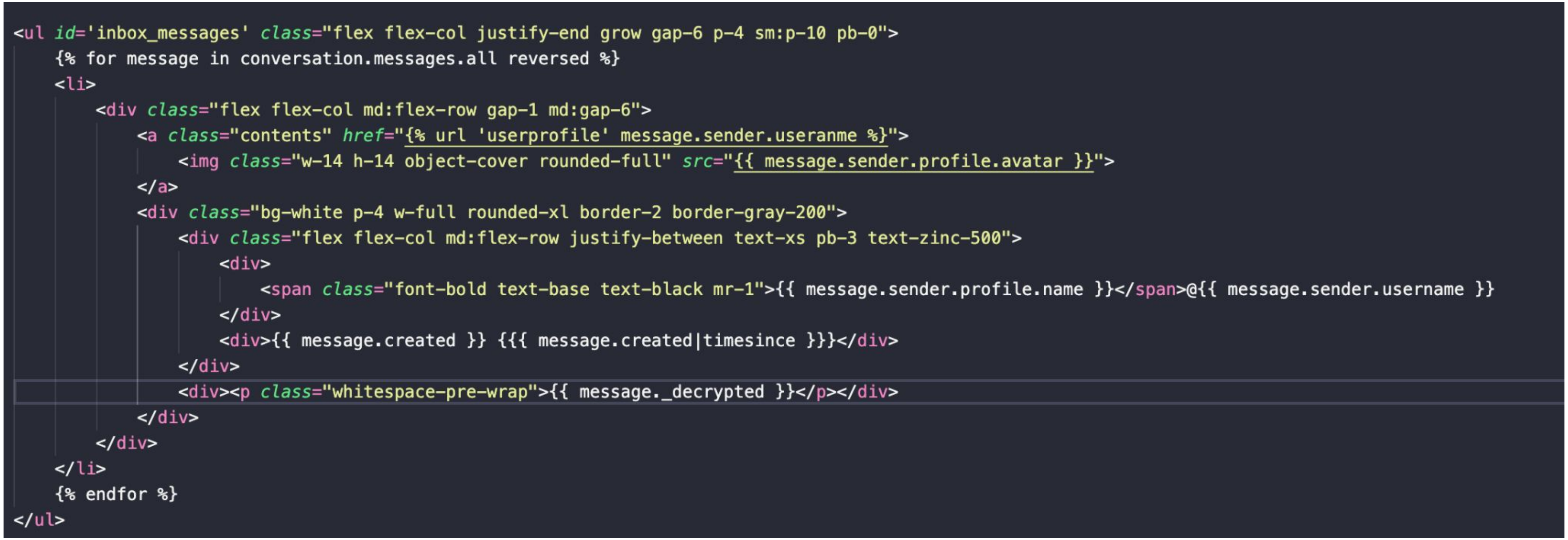
```
<ul id="conversations-list" class="flex flex-col gap-1 divide-y mt-2" >
    {% for c in my_conversations %}
    <li class="{% if conversation == c %}bg-zinc-200{% endif %} rounded-full sm:rounded-lg relative mt-2 sm:mt-0">
        <a href="{% url 'inbox' c.id %}" class="flex items-center justify-center lg:justify-normal gap-1 hover:bg-zinc-200 rounded-full sm:rounded-lg p-1.5 sm:p-4 cursor-pointer">
            {% for participant in c.participants.all %}
            {% if participant != request.user %}
            <div class ="absolute top-3 left-11 [&>*]:border-2 [&>*]:border-gray-100"
                hx-get="{% url 'notify-newmessage' c.id %}"
                hx-trigger="load"
                hx-target="this"
                hx-swap="innerHTML" >
            </div>
            <img class="w-11 h-11 lg:w-10 lg:h-10 object-cover rounded-full" src="{{ participant.profile.avator }}">
            <div class="hidden lg:block font-bold ml-1">{{ participant.profile.name }}</div>
            {% endif %}
            {% endfor %}
        </a>
    </li>
    {% endfor %}
</ul>
```

Inbox - Front End



```
<div id='conversation' class="col-span-4 sm:col-span-3 opacity-0 flex flex-col bg-white rounded-r-2xl pt-10 relative overflow-y-auto"
_="on load wait for 5ms then remove .opacity-0">

{% if conversation %}

<div class="text-center flex flex-col items-center">
    {% for participant in conversation.participants.all %}
    {% if participant != request.user %}
    <a href="{% url 'userprofile' participant.username %}">
        <img class="w-24 h-24 rounded-full object-cover mb-4" src="{{ participant.profile.avatar }}" />
    </a>
    <div class="text-center max-w-md">
        <h1 class="text-lg">{{ participant.profile.name }}</h1>
        <div class="text-gray-400 mb-2 -mt-5 text-sm">@{{ participant.username }}</div>
    </div>
    {% endif %}
    {% endfor %}
</div>
```

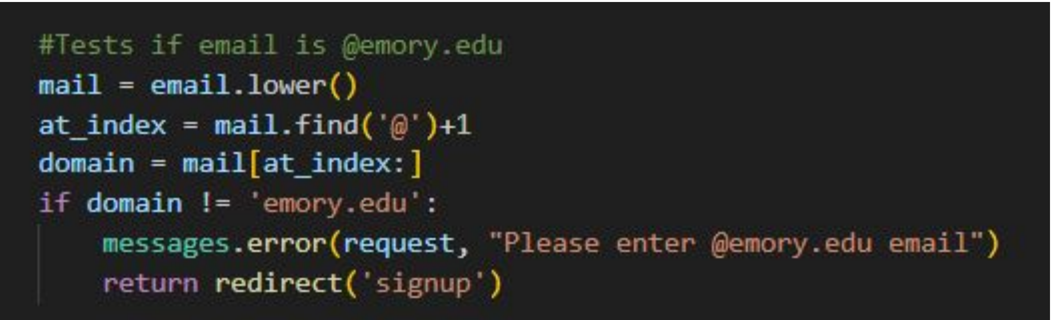
Inbox - Front End



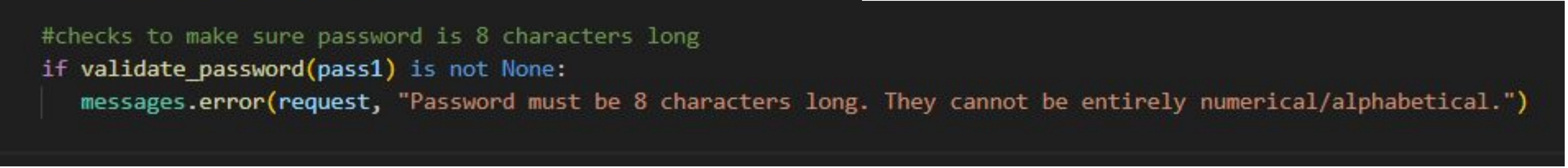
```
<ul id='inbox_messages' class="flex flex-col justify-end grow gap-6 p-4 sm:p-10 pb-0">
    {% for message in conversation.messages.all reversed %}
    <li>
        <div class="flex flex-col md:flex-row gap-1 md:gap-6">
            <a class="contents" href="{% url 'userprofile' message.sender.useranme %}">
                <img class="w-14 h-14 object-cover rounded-full" src="{{ message.sender.profile.avatar }}">
            </a>
            <div class="bg-white p-4 w-full rounded-xl border-2 border-gray-200">
                <div class="flex flex-col md:flex-row justify-between text-xs pb-3 text-zinc-500">
                    <div>
                        <span class="font-bold text-base text-black mr-1">{{ message.sender.profile.name }}</span>@{{ message.sender.username }}
                    </div>
                    <div>{{ message.created }} {{{ message.created|timesince }}}</div>
                </div>
                <div><p class="whitespace-pre-wrap">{{ message._decrypted }}</p></div>
            </div>
        </div>
    </li>
    {% endfor %}
</ul>
```

Login Page

- Small adjustments on Login page
- Email must be Emory email
- Password must align with django’s validation password function



```
#Tests if email is @emory.edu
mail = email.lower()
at_index = mail.find('@')+1
domain = mail[at_index:]
if domain != 'emory.edu':
    messages.error(request, "Please enter @emory.edu email")
    return redirect('signup')
```

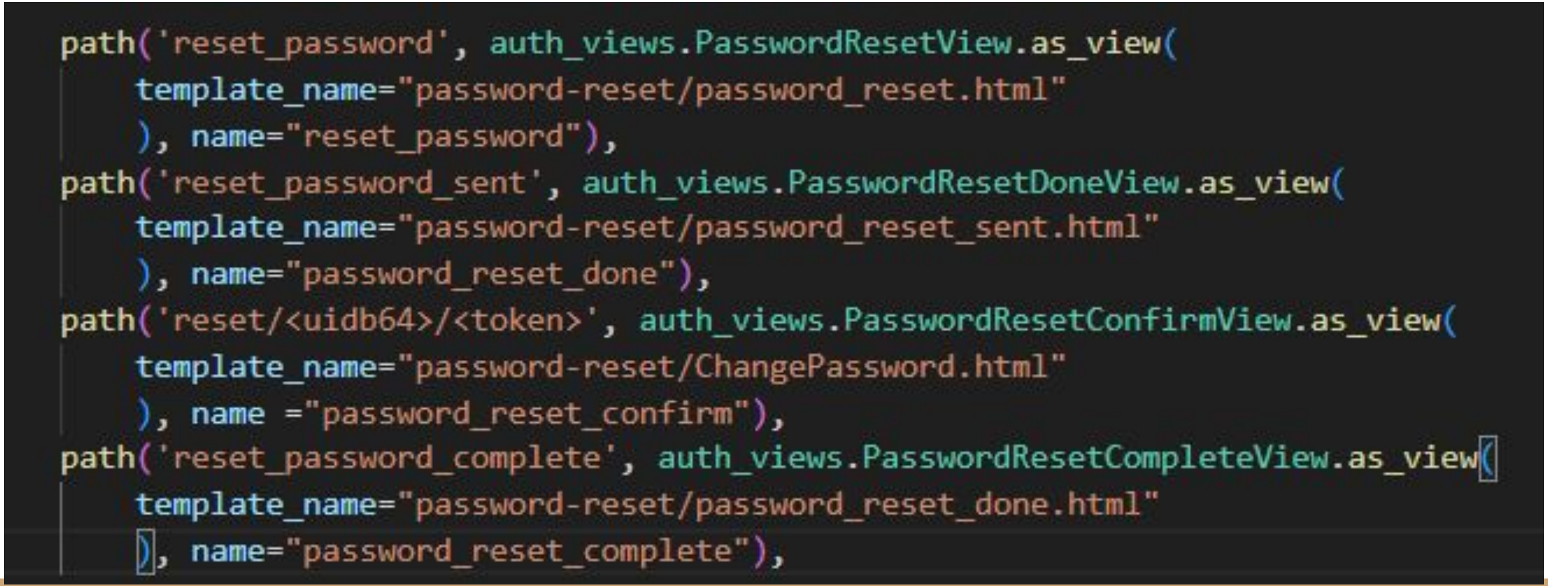


```
#checks to make sure password is 8 characters long
if validate_password(pass1) is not None:
    messages.error(request, "Password must be 8 characters long. They cannot be entirely numerical/alphabetical.")
```

Reset Password

Reset Password

- Django auth app has views and urls that reset password with built in templates.
- I’ve created new templates for more customization.

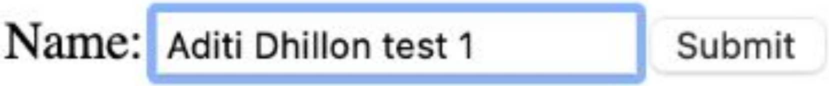


```
path('reset_password', auth_views.PasswordResetView.as_view(
    template_name="password-reset/password_reset.html"
    ), name="reset_password"),
path('reset_password_sent', auth_views.PasswordResetDoneView.as_view(
    template_name="password-reset/password_reset_sent.html"
    ), name="password_reset_done"),
path('reset/<uidb64>/<token>', auth_views.PasswordResetConfirmView.as_view(
    template_name="password-reset/ChangePassword.html"
    ), name ="password_reset_confirm"),
path('reset_password_complete', auth_views.PasswordResetCompleteView.as_view(
    template_name="password-reset/password_reset_done.html"
    ), name="password_reset_complete"),
```

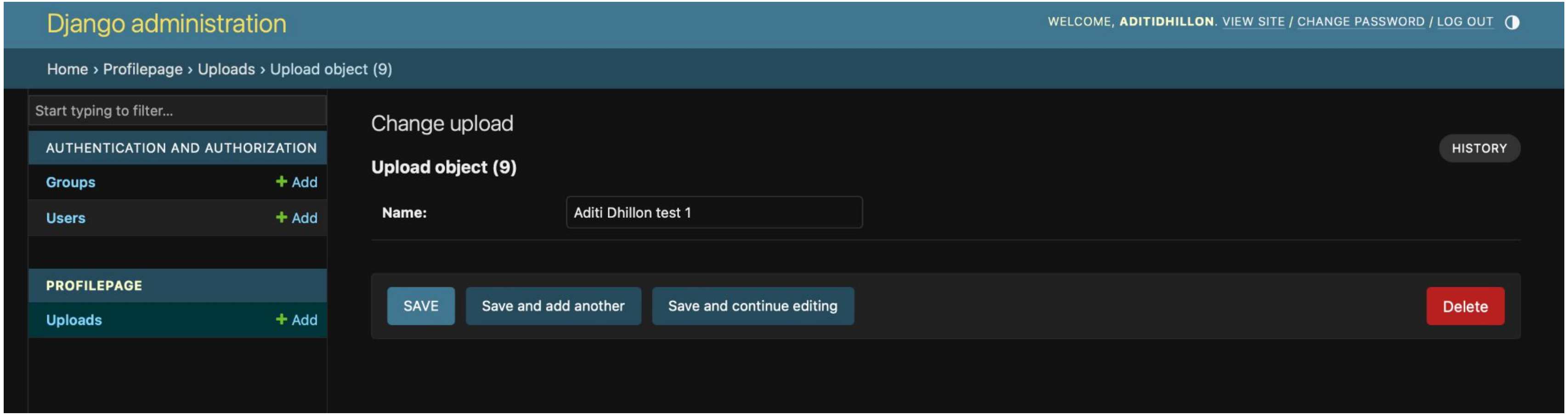
Next Sprint:

- Work with team members on Profile Page to store information of individual users
- Store lab login information in different table from student users
- Collaborate with team members on functionality in different pages (profile page, opportunities page, ect)

Student Profile Page Saving User Information



Name: Aditi Dhillon test 1



Django administration
WELCOME, ADITIDHILLON. VIEW SITE / CHANGE PASSWORD / LOG OUT
Home › Profilepage › Uploads › Upload object (9)
Start typing to filter...
AUTHENTICATION AND AUTHORIZATION
Groups
+ Add
Users
+ Add
PROFILEPAGE
Uploads
+ Add
HISTORY

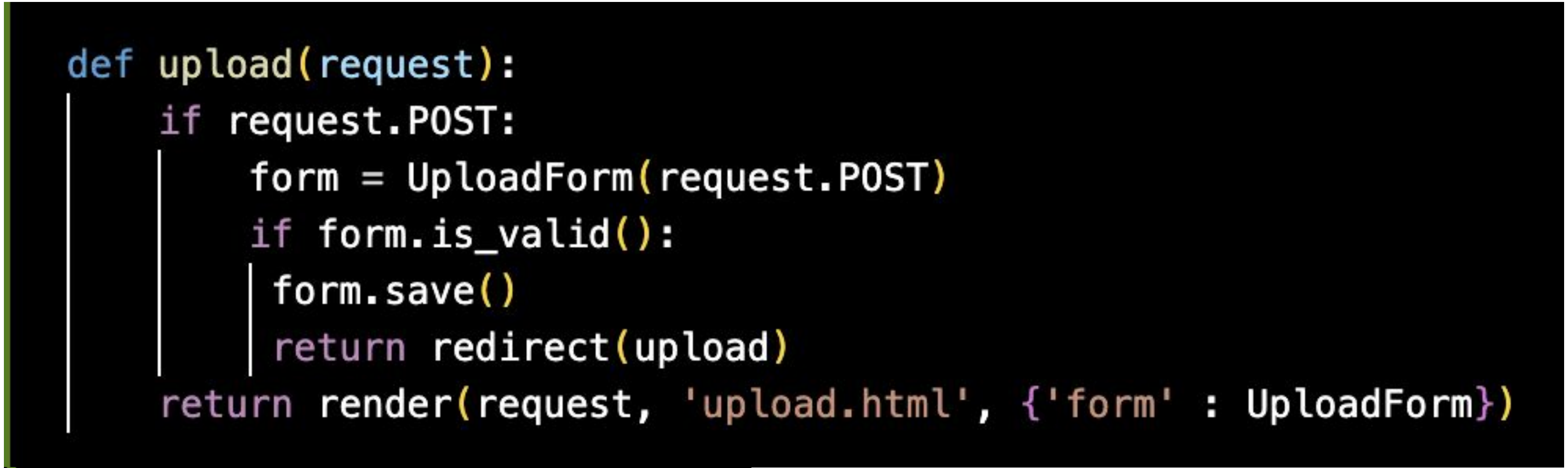
Change upload

Upload object (9)

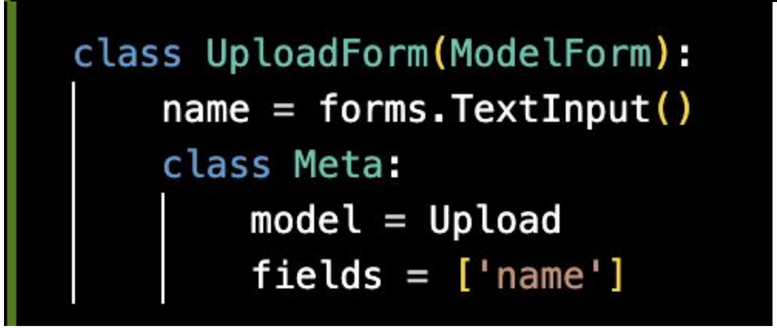
Name: Aditi Dhillon test 1

SAVE
Save and add another
Save and continue editing
Delete

Student Profile Page Saving User Information

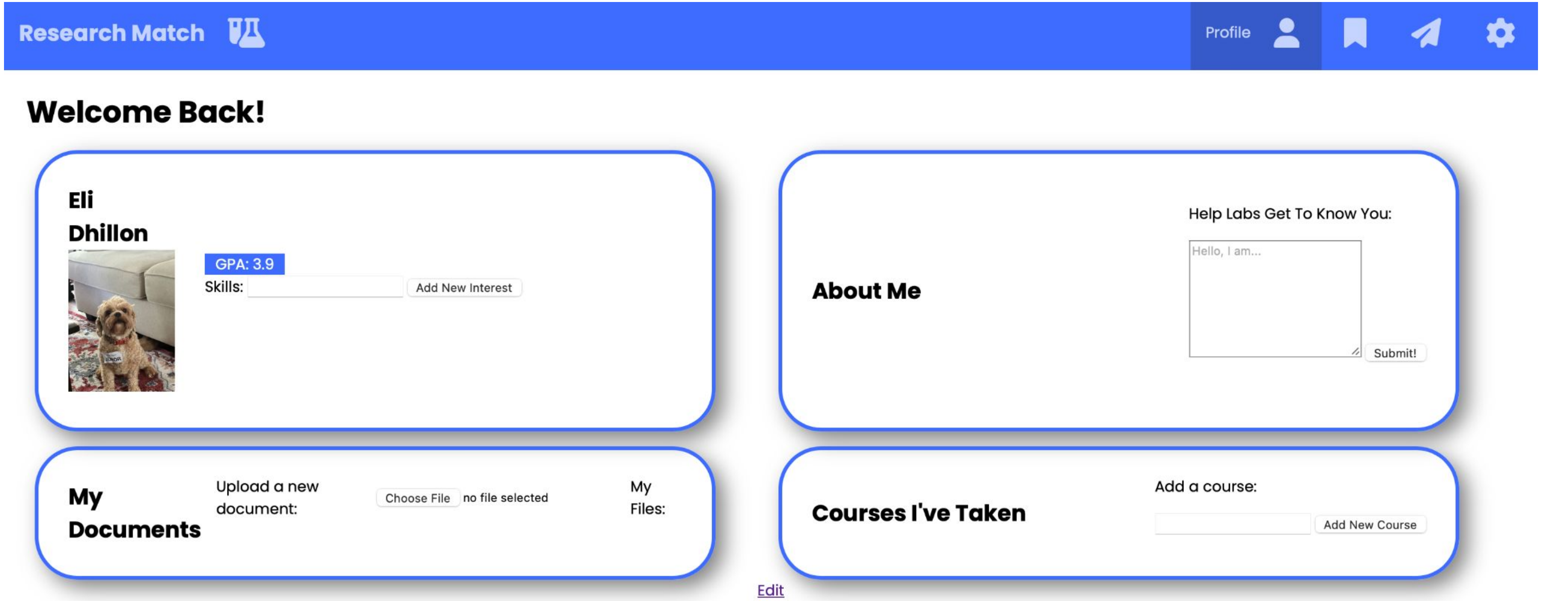


```
def upload(request):
    if request.POST:
        form = UploadForm(request.POST)
        if form.is_valid():
         form.save()
         return redirect(upload)
    return render(request, 'upload.html', {'form' : UploadForm})
```



```
class UploadForm(ModelForm):
    name = forms.TextInput()
    class Meta:
        model = Upload
        fields = ['name']
```

Student Profile Page Saving User Information



Research Match

Profile

Welcome Back!

Eli Dhillon

GPA: 3.9

Skills: Add New Interest

About Me

Help Labs Get To Know You:

Hello, I am...

Submit!

My Documents

Upload a new document: Choose File no file selected

My Files:

Courses I've Taken

Add a course:

Add New Course

Edit

Goal Planning

Immediate Goals

- Ensure all forms properly update their respective models
- Consolidate current projects to create one functional demo of Research Match
- Ensure consistency in use of Django syntax
- Deploy updated project on Heroku

Goal Planning

Future Goals

Allow users to access data across web pages. 11/1

Allow users to interact with other users and other user data. 11/8

Build match system to help suggest labs to users. 11/15

Use test data to demo the website for the final presentation. 11/22

Thank you!