Aula 3

Acesse diretamente pelo Notion

```
https://grizzly-amaranthus-f6a.notion.site/Aula-3-1c36cf8ea89f808cb5a0ee3decadc9fa?pvs=4
```

Reunião

Processe os dados para agendar uma reunião

```
    else:
        horario_id = request.POST.get('horario')
        tag = request.POST.get('tag')
        descricao = request.POST.get("descricao")

        #TODO: Realizar validações

        reuniao = Reuniao(
            data_id=horario_id,
            mentorado=valida_token(request.COOKIES.get('auth_token')),
            tag=tag,
            descricao=descricao
        )
        reuniao.save()

        horario = DisponibilidadeHorarios.objects.get(id=horario_id)
        horario.agendado = True
        horario.save()

        messages.add_message(request, constants.SUCCESS, 'Reunião agendada com sucesso.')
        return redirect('escolher_dia')
```

Na view reuniões filtre por todas as agendadas

```
reunioes = Reuniao.objects.filter(data__mentor=request.user)
```

No HTML, liste todas elas

```
{% for reuniao in reunioes %}
  <li class="flex justify-between gap-x-6 py-5">
    <div class="flex min-w-0 gap-x-4">
      <img class="size-12 flex-none rounded-full bg-gray-800" src="{{reuniao.mentorado.foto.url}}" alt="">
      <div class="min-w-0 flex-auto">
        <p class="text-sm/6 font-semibold text-white">{{reuniao.mentorado.nome}}</p>
        <p class="mt-1 truncate text-xs/5 text-gray-400">{{reuniao.descricao}}</p>
      </div>
    </div>
    <div class="hidden shrink-0 sm:flex sm:flex-col sm:items-end">
      <p class="text-sm/6 text-white">{{reuniao.data.data_inicial}}</p>
      <p class="mt-1 text-xs/5 text-gray-400"></p>
    </div>
  </li>
{% endfor %}
```

Tarefas (Mentor)

Vamos para as models Tarefa e Upload

```
class Tarefa(models.Model):
    mentorado = models.ForeignKey(Mentorados, on_delete=models.DO_NOTHING)
    tarefa = models.CharField(max_length=255)
    realizada = models.BooleanField(default=False)


class Upload(models.Model):
    mentorado = models.ForeignKey(Mentorados, on_delete=models.DO_NOTHING)
    video = models.FileField(upload_to='video')
```

Execute as migrações!

Crie a URL para a tarefa na visão do mentorado

```
path('tarefa/<int:id>', views.tarefa, name='tarefa'),
```

Construa a view

```
def tarefa(request, id):
    mentorado = Mentorados.objects.get(id=id)
    if mentorado.user != request.user:
        raise Http404()

    if request.method == 'GET':
        tarefas = Tarefa.objects.filter(mentorado=mentorado)

        return render(request, 'tarefa.html', {'mentorado': mentorado, 'tarefas': tarefas})
```

Crie o HTML

```
{% extends "base.html" %}
{% load static %}
{% block 'body' %}
<header class="bg-slate-900">
    <nav class="flex items-center justify-between p-4 lg:px-8" aria-label="Global">
      <div class="flex lg:flex-1">
        <a href="#" class="-m-1.5 p-1.5">
          <span class="sr-only">Your Company</span>
          <img class="h-8 w-auto" src="{% static 'logo.png' %}" alt="">
        </a>
      </div>
      <div class="flex lg:hidden">
        <button type="button" class="-m-2.5 inline-flex items-center justify-center rounded-md p-2.5 text-gray-700">
          <span class="sr-only">Open main menu</span>
          <svg class="size-6" fill="none" viewBox="0 0 24 24" stroke-width="1.5" stroke="currentColor" aria-hidden="true" data-slot="icon">
            <path stroke-linecap="round" stroke-linejoin="round" d="M3.75 6.75h16.5M3.75 12h16.5m-16.5 5.25h16.5" />
          </svg>
        </button>
      </div>
      <div class="hidden lg:flex lg:gap-x-12">
        <a href="#" class="text-sm/6 font-semibold text-gray-100">Mentorados</a>
        <a href="#" class="text-sm/6 font-semibold text-gray-100">Tarefas</a>
        <a href="#" class="text-sm/6 font-semibold text-gray-100">Progressos</a>
        <a href="#" class="text-sm/6 font-semibold text-gray-100">Navigators</a>
      </div>
      <div class="hidden lg:flex lg:flex-1 lg:justify-end">

      </div>
    </nav>

  </header>




  <main>
    <header class="relative isolate pt-16 bg-[#0b1526] border-b-1 border-slate-500">
      <div class="absolute inset-0 -z-10 overflow-hidden" aria-hidden="true">
        <div class="absolute left-16 top-full -mt-16 transform-gpu opacity-50 blur-3xl xl:left-1/2 xl:-ml-80">
          <div class="aspect-[1154/678] w-[72.125rem] bg-gradient-to-br from-[#FF80B5] to-[#9089FC]" style="clip-path: polygon(100% 38.5%, 82.6% 100%, 60.2% 37.7%, 52.4% 32.1%, 47.5% 41.8%, 45.2% 65.6%, 27.5% 23.4%, 0.1% 35.3%, 17.9% 0%, 27.7% 23.4%, 76.2% 2.5%, 74.2% 56%, 100% 38.5%)"></div>
        </div>
        <div class="absolute inset-x-0 bottom-0 h-px bg-gray-900/5"></div>
      </div>
      <div>
      <div class="mx-auto max-w-7xl px-4 py-10 sm:px-6 lg:px-8 ">
        <div class="mx-auto flex max-w-2xl items-center justify-between gap-x-8 lg:mx-0 lg:max-w-none">
          <div class="flex items-center gap-x-6">
            <img src="{{mentorado.foto.url}}" alt="" class="size-16 flex-none rounded-full ring-1 ring-gray-900/10">
            <h1>
              <div class="mt-1 text-base font-semibold text-gray-200">{{mentorado}}</div>
              <div class="text-sm/6 text-gray-500">{{mentorado.get_estagio_display}}</div>
            </h1>
          </div>

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

    <div class="bg-[#05101d] min-h-screen">
        <div class="mx-auto max-w-7xl px-4 py-16 sm:px-6 lg:px-8">
        <div class="mx-auto grid max-w-2xl grid-cols-1 grid-rows-1 items-start gap-x-8 gap-y-8 lg:mx-0 lg:max-w-none lg:grid-cols-3">
            <!-- Invoice summary →
            <div class="lg:col-start-3 lg:row-end-1 ">
            <h2 class="sr-only">Summary</h2>
            <div class="rounded-lg shadow-sm ring-1 ring-white/20 bg-[#0b1526]">
                <dl class="flex flex-wrap">
                <div class="flex-auto px-6 pt-6">
                    <p class="text-sm/6 font-semibold text-indigo-200">Reuniões</p>
                    <div class="grid grid-cols-4 gap-5">
                        <div class="col-span-3">
                          <form action="" method="POST" enctype='multipart/form-data'>{% csrf_token %}
                            <input type="file" name="video" required class="block w-full rounded-md bg-white/5 px-3 py-1.5 text-base text-white outline outline-1 -outline-offset-1 outline-white/10 placeholder:text-gray-500 focus:outline focus:outline-2 focus:-outline-offset-2 focus:outline-indigo-500 sm:text-sm/6">
                        </div>
                        <div>
                            <button type="submit" class="flex w-full justify-center cursor-pointer rounded-md bg-indigo-600 px-3 py-1.5 text-sm/6 font-semibold text-white shadow-sm hover:bg-indigo-500 focus-visible:outline focus-visible:outline-2 focus-visible:outline-offset-2 focus-visible:outline-indigo-600">Entrar</button>
                          </form>
                        </div>

                    </div>

                </div>


                {% for video in videos %}
                  <div class="mt-6 flex w-full flex-none gap-x-4 border-t border-gray-50/10 px-6 py-6">
                      <dt class="flex-none">
                      <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24" fill="currentColor" class="h-6 w-5 text-gray-400">
                          <path d="M4.5 4.5a3 3 0 0 0-3 3v9a3 3 0 0 0 3 3h8.25a3 3 0 0 0 3-3v-9a3 3 0 0 0-3-3H4.5ZM19.94 18.75l-2.69-2.69V7.94l2.69-2.69c.944-.945 2.56-.276 2.56 1.06v11.38c0 1.336-1.616 2.005-2.56 1.06Z" />
                        </svg>


                      </dt>
                      <dd class="text-sm/6 font-medium text-blue-400"><a href="{{video.video.url}}">{{video.mentorado}}</a></dd><p class="text-sm/6 text-white">10 - 5</p>
                  </div>
            {% endfor %}




          </div>
          </div>

          <!-- Invoice →
          <div class="-mx-4 px-4 py-8 shadow-sm  sm:mx-0 sm:rounded-lg sm:px-8 sm:pb-14 lg:col-span-2 lg:row-span-2 lg:row-end-2 xl:px-16 xl:pb-20 xl:pt-16 ring-1 ring-white/20 bg-[#0b1526]">
            <h2 class="mt-4 text-2xl/9 font-bold tracking-tight text-gray-100">Tarefas do mentorado</h2>
            <hr class="border-px border-slate-800">

            <div class="grid grid-cols-4 gap-5 mt-4">

                <div class="col-span-3">
                  <form action="" method="POST">{% csrf_token %}
                    <input type="text" name="tarefa" autocomplete="email" required class="block w-full rounded-md bg-white/5 px-3 py-1.5 text-base text-white outline outline-1 -outline-offset-1 outline-white/10 placeholder:text-gray-500 focus:outline focus:outline-2 focus:-outline-offset-2 focus:outline-indigo-500 sm:text-sm/6" placeholder="Tarefas...">
                </div>
                <div>
                    <button type="submit" class="flex w-full justify-center cursor-pointer rounded-md bg-indigo-600 px-3 py-1.5 text-sm/6 font-semibold text-white shadow-sm hover:bg-indigo-500 focus-visible:outline focus-visible:outline-2 focus-visible:outline-offset-2 focus-visible:outline-indigo-600">Entrar</button>
                </div>
              </form>
            </div>
            <br>

            {% for tarefa in tarefas %}
              <div class="flex items-center mb-4">
                <input id="default-checkbox" type="checkbox" value="" class="w-4 h-4 text-blue-600 bg-gray-100 border-gray-300 rounded-sm focus:ring-blue-500 dark:focus:ring-blue-600 dark:ring-offset-gray-800 focus:ring-2 dark:bg-gray-700 dark:border-gray-600">
                <label for="default-checkbox" class="ms-2 text-sm font-medium text-gray-900 dark:text-gray-300">{{tarefa.tarefa}}</label>
              </div>
            {% endfor %}
          </div>




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



{% endblock 'body' %}
```

Nas views processe os dados

```
else:
    tarefa = request.POST.get('tarefa')

    t = Tarefa(
        mentorado=mentorado,
        tarefa=tarefa,
    )
    t.save()

    return redirect(f'/mentorados/tarefa/{mentorado.id}')
```

▼ Upload

Crie uma URL para upload das gravações

```
path('upload/<int:id>', views.upload, name='upload'),
```

Construa a view

```
def upload(request, id):
    mentorado = Mentorados.objects.get(id=id)
    if mentorado.user != request.user:
        raise Http404()

    video = request.FILES.get('video')
    upload = Upload(
        mentorado=mentorado,
        video=video
    )
    upload.save()
    return redirect(f'/mentorados/tarefa/{mentorado.id}')
```

Altere o FORM

```
<form action="{% url 'upload' mentorado.id %}" method="POST" enctype='multipart/form-data'>{% csrf_token %}
```

Para listar os vídeos, filtre no BD

```
videos = Upload.objects.filter(mentorado=mentorado)
```

Liste no HTML

```
{% for video in videos %}
  <div class="mt-6 flex w-full flex-none gap-x-4 border-t border-gray-50/10 px-6 py-6">
      <dt class="flex-none">
      <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24" fill="currentColor" class="h-6 w-5 text-gray-400">
          <path d="M4.5 4.5a3 3 0 0 0-3 3v9a3 3 0 0 0 3 3h8.25a3 3 0 0 0 3-3v-9a3 3 0 0 0-3-3H4.5ZM19.94 18.75l-2.69-2.69V7.94l2.69-2.69c.944-.945 2.56-.276 2.56 1.06v11.38c0 1.336-1.616 2.005-2.56 1.06Z" />
        </svg>


      </dt>
      <dd class="text-sm/6 font-medium text-blue-400"><a href="{{video.video.url}}">{{video.mentorado}}</a></dd><p class="text-sm/6 text-white">10 - 5</p>
  </div>
{% endfor %}
```

▼ Tarefa (Mentorado)

Crie a URL

```
path('tarefa_mentorado/', views.tarefa_mentorado, name='tarefa_mentorado'),
```

A View

```
def tarefa_mentorado(request):
    mentorado = valida_token(request.COOKIES.get('auth_token'))
    if not mentorado:
        return redirect('auth_mentorado')

    if request.method == 'GET':
        videos = Upload.objects.filter(mentorado=mentorado)
        tarefas = Tarefa.objects.filter(mentorado=mentorado)
        return render(request, 'tarefa_mentorado.html', {'mentorado': mentorado, 'videos': videos, 'tarefas': tarefas})
```

Construa o HTML

```
{% extends "base.html" %}
{% load static %}
{% block 'body' %}
<header class="bg-slate-900">
    <nav class="flex items-center justify-between p-4 lg:px-8" aria-label="Global">
      <div class="flex lg:flex-1">
        <a href="#" class="-m-1.5 p-1.5">
          <span class="sr-only">Your Company</span>
          <img class="h-8 w-auto" src="{% static 'logo.png' %}" alt="">
        </a>
      </div>
      <div class="flex lg:hidden">
        <button type="button" class="-m-2.5 inline-flex items-center justify-center rounded-md p-2.5 text-gray-700">
          <span class="sr-only">Open main menu</span>
          <svg class="size-6" fill="none" viewBox="0 0 24 24" stroke-width="1.5" stroke="currentColor" aria-hidden="true" data-slot="icon">
            <path stroke-linecap="round" stroke-linejoin="round" d="M3.75 6.75h16.5M3.75 12h16.5m-16.5 5.25h16.5" />
          </svg>
        </button>
      </div>
      <div class="hidden lg:flex lg:gap-x-12">
        <a href="#" class="text-sm/6 font-semibold text-gray-100">Mentorados</a>
        <a href="#" class="text-sm/6 font-semibold text-gray-100">Tarefas</a>
        <a href="#" class="text-sm/6 font-semibold text-gray-100">Progressos</a>
        <a href="#" class="text-sm/6 font-semibold text-gray-100">Navigators</a>
      </div>
      <div class="hidden lg:flex lg:flex-1 lg:justify-end">

      </div>
    </nav>

  </header>




  <main>

    <header class="relative isolate pt-16 bg-[#0b1526] border-b-1 border-slate-500">
      <div class="absolute inset-0 -z-10 overflow-hidden" aria-hidden="true">
        <div class="absolute left-16 top-full -mt-16 transform-gpu opacity-50 blur-3xl xl:left-1/2 xl:-ml-80">
          <div class="aspect-[1154/678] w-[72.125rem] bg-gradient-to-br from-[#FF80B5] to-[#9089FC]" style="clip-path: polygon(100% 38.5%, 82.6% 100%, 60.2% 37.7%, 52.4% 32.1%, 47.5% 41.8%, 45.2% 65.6%, 27.5% 23.4%, 0.1% 35.3%, 17.9% 0%, 27.7% 23.4%, 76.2% 2.5%, 74.2% 56%, 100% 38.5%)"></div>
        </div>
        <div class="absolute inset-x-0 bottom-0 h-px bg-gray-900/5"></div>
      </div>
      <div>
      <div class="mx-auto max-w-7xl px-4 py-10 sm:px-6 lg:px-8 ">
        <div class="mx-auto flex max-w-2xl items-center justify-between gap-x-8 lg:mx-0 lg:max-w-none">
          <div class="flex items-center gap-x-6">
            <img src="{{mentorado.foto.url}}" alt="" class="size-16 flex-none rounded-full ring-1 ring-gray-900/10">
            <h1>
              <div class="mt-1 text-base font-semibold text-gray-200">{{mentorado}}</div>
              <div class="text-sm/6 text-gray-500">{{mentorado.get_estagio_display}}</div>
            </h1>
          </div>

          </div>
        </div>
      </div>
    </div>
    </header>
  <div class="bg-[#05101d] min-h-screen">
    <div class="mx-auto max-w-7xl px-4 py-16 sm:px-6 lg:px-8">
    <div class="mx-auto grid max-w-2xl grid-cols-1 grid-rows-1 items-start gap-x-8 gap-y-8 lg:mx-0 lg:max-w-none lg:grid-cols-3">
      <!-- Invoice summary -->
      <div class="lg:col-start-3 lg:row-end-1 ">
      <h2 class="sr-only">Summary</h2>
      <div class="rounded-lg shadow-sm ring-1 ring-white/20 bg-[#0b1526]">
        <dl class="flex flex-wrap">
        <div class="flex-auto px-6 pt-6">
          <p class="text-sm/6 font-semibold text-indigo-200">Reuniões</p>


        </div>


        {% for video in videos %}
         <div class="mt-6 flex w-full flex-none gap-x-4 border-t border-gray-50/10 px-6 py-6">
           <dt class="flex-none">
           <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24" fill="currentColor" class="h-6 w-5 text-gray-400">
             <path d="M4.5 4.5a3 3 0 0 0-3 3v9a3 3 0 0 0 3 3h8.25a3 3 0 0 0 3-3v-9a3 3 0 0 0-3-3H4.5ZM19.94 18.75l-2.69-2.69V7.94l2.69-2.69c.944-.945 2.56-.276 2.56 1.06v11.38c0 1.336-1.616 2.005-2.56 1.06Z" />
            </svg>


           </dt>
           <dd class="text-sm/6 font-medium text-blue-400"><a href="{{video.video.url}}">{{video.mentorado}}</a></dd><p class="text-sm/6 text-white">10 - 5</p>
         </div>
        {% endfor %}




      </div>
      </div>

      <!-- Invoice -->
      <div class="-mx-4 px-4 py-8 shadow-sm  sm:mx-0 sm:rounded-lg sm:px-8 sm:pb-14 lg:col-span-2 lg:row-span-2 lg:row-end-2 xl:px-16 xl:pb-20 xl:pt-16 ring-1 ring-white/20 bg-[#0b1526]">
        <h2 class="mt-4 text-2xl/9 font-bold tracking-tight text-gray-100">Tarefas do mentorado</h2>
        <hr class="border-px border-slate-800">

        <div class="grid grid-cols-4 gap-5 mt-4">


        </div>
        <br>

        {% for tarefa in tarefas %}
         <div class="flex items-center mb-4">
           <input id="default-checkbox" type="checkbox" class="w-4 h-4 text-blue-600 bg-gray-100 border-gray-300 rounded-sm focus:ring-blue-500 dark:focus:ring-blue-600 dark:ring-offset-gray-800 focus:ring-2 dark:bg-gray-700 dark:border-gray-600">
           <label for="default-checkbox" class="ms-2 text-sm font-medium text-gray-900 dark:text-gray-300">{{tarefa.tarefa}}</label>
         </div>
        {% endfor %}
      </div>




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



{% endblock 'body' %}
```

Crie uma URL para marcar a tarefa como concluída

```
path('tarefa_alterar/<int:id>', views.tarefa_alterar, name="tarefa_alterar")
```

A view

```
from django.views.decorators.csrf import csrf_exempt
from django.http import HttpResponse

@csrf_exempt
def tarefa_alterar(request, id):
    mentorado = valida_token(request.COOKIES.get('auth_token'))
    if not mentorado:
        return redirect('auth_mentorado')

    tarefa = Tarefa.objects.get(id=id)
    if mentorado != tarefa.mentorado:
        raise Http404()
    tarefa.realizada = not tarefa.realizada
    tarefa.save()

    return HttpResponse('teste')
```

Agora, para facilitar, vamos realizar a requisição com HTMX.

Importe o HTMX

```
<script src="https://unpkg.com/htmx.org@2.0.4"></script>
```

Adicione os atributos do HTMX para a requisição

```
hx-post="/mentorados/tarefa_alterar/{{tarefa.id}}" hx-trigger="click"
```

Verifique se o checkbox está marcado

```
{% if tarefa.realizada %}checked{% endif %}
```

▼ Finalização

Proteja as views que precisa de login

```
from django.contrib.auth.decorators import login_required

@login_required
```

Adicione os redirecionamentos na navbar

```
```