

INDEX HTML SO POZADINA NA DIV

```
{% extends 'base.html' %}
```

```
{% block content %}
```

```
<div class="container-fluid p-5 " !!!!
```

```
    style=" height: 40vh;
```

```
    background-image:
```

```
!!! BACKGROUND NA CEL DIV
```

```
    url('nekoe url'); background-repeat: no-repeat; background-size: 100% 40vh;">
```

```
<h5>2021-5-5</h5>
```

```
<h5>The best solutions for our clients</h5>
```

```
<h1> Lorem ipsum dolor sit amet, consectetur adipisicing elit. Aspernatur dolores doloribus  
ex iusto labore
```

```
    odit perspiciatis repudiandae tenetur voluptas voluptate.</h1>
```

```
</div>
```

```
<div class="container-fluid mt-5">
```

```
<div class="row mx-5 px-5">
```

```
    {% for event in events %}
```

```
        <div class="col-md-4 mb-4 border-dotted border-start border-end">
```

```
            <div class="card h-100">
```

```
                <a href="{% url 'editevent' event_id=event.id %}"></a>
```

```
                <div class="card-body d-flex flex-column">
```

```
                    <h5 class="card-title">{{ event.name }}</h5>
```

```
                    <p class="card-text">{{ event.location }}</p>
```

```
                    <a class="btn btn-danger" href="{% url 'deleteevent' event_id=event.id %}"
```

```
                        class="btn btn-primary mt-auto">Delete me
```

```
                    </a>
```

```
                </div>
```

```
            </div>
```

```
        </div>
```

```
    {% endfor %}
```

```
</div>
```

```
</div>
```

```
{% endblock %}
```

ADD NA NOV OBJEKT

```
{% extends 'base.html' %}
{% block content %}
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhY6hW+A
LEwIH" crossorigin="anonymous">
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-YvpcrYf0tY3IHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcldslK1eN7N6jle
Hz" crossorigin="anonymous"></script>
```

```
<div class="container border-start border-end py-2">

<h1>Ask for event</h1>
<h6>Lorem ipsum dolor sit amet, consectetur adipisicing elit.</h6>
<h6>Est fuga iste iusto perferendis quam.</h6>
```

```
<form method="post" enctype="multipart/form-data">
  {% csrf_token %}
  <input type="hidden" name="event_id"> !!!DODAVANJE ID NA FORM
  {{ form.as_p }}
  <div class="container d-flex justify-content-end">
    <button type="submit" class="btn btn-primary">Submit form</button>
  </div>
</form>
</div>
{% endblock %}
```

DODAVANJE NOV EVENT SO TRICKY ZAPIRKA

```
def newevent(request):
    if request.method == 'POST':
        event_form = EventForm(request.POST, request.FILES)
    if event_form.is_valid():
        event = event_form.save(commit=False)
        event.creator = request.user
        event.datetime = datetime.now(timezone.utc)
        event.save()
        participants = event_form.cleaned_data['participants'].split(',')
        for participant in participants:
            band = Band.objects.filter(name=participant).first()
            if band:
                BandEvent.objects.create(band=band, event=event)

        return redirect(to='index')
    else:
        event_form = EventForm()
    context = {'form': event_form}
    return render(request, 'newevent.html', context)
```

EDITANJE NA NOV EVENT SO TRICKY ZAPIRKA I BRISENJE NA MEGJUTABELI

```
def editevent(request, event_id):
    instance = Event.objects.filter(id=event_id).get()
    if request.method == 'POST':
        event_form = EventForm(request.POST, instance=instance)
    if event_form.is_valid():
        event = event_form.save(commit=False)
        event.save()
        participants = event_form.cleaned_data['participants'].split(',')
        for participant in participants:
            band = Band.objects.filter(name=participant).first()
            if band:
                if not BandEvent.objects.filter(event=instance).exists():
                    BandEvent.objects.create(band=band, event=event)
                for bandevent in BandEvent.objects.filter(event=instance).all():
                    if bandevent.band.name not in participants:
                        bandevent.delete()
        return redirect(to='index')
    else:
        event_form = EventForm(instance=instance)
    return render(request, "newevent.html", {'form': event_form})
```

QUICK BRISENJE BEZ POST

```
def deleteevent(request, event_id):  
    Event.objects.filter(id=event_id).delete()  
    return redirect(to='index')
```

IDK MODEL KOLKU DA GI IAM

```
class Event(models.Model):
    name = models.CharField(max_length=100)
    datetime = models.DateTimeField()
    poster = models.ImageField(upload_to='images/')
    creator = models.ForeignKey(User, on_delete=models.CASCADE)
    location = models.CharField(max_length=100)
    open_air = models.BooleanField()
    participants = models.CharField(max_length=200, blank=True, null=True)

    def __str__(self):
        return self.name
```

```
class Band(models.Model):
    name = models.CharField(max_length=100)
    genre = models.CharField(max_length=100)
    country = models.CharField(max_length=100)
    year_formed = models.IntegerField()
    number_of_shows = models.IntegerField()

    def __str__(self):
        return self.name
```

```
class BandEvent(models.Model):
    band = models.ForeignKey(Band, on_delete=models.CASCADE)
    event = models.ForeignKey(Event, on_delete=models.CASCADE)

    def __str__(self):
        return f'{self.band.name} - {self.event.name}'
```

FORMA SO BOOTSTRAP NA NEA

```
class EventForm(ModelForm):
```

```
    def __init__(self, *args, **kwargs):
        super(EventForm, self).__init__(*args, **kwargs)
        for field in self.visible_fields():
            # додавање бутстрап во форма
            field.field.widget.attrs["class"] = "form-control"
            # додавање чекбокс бутстрап во форма
            if field.name == 'open_air':
                field.field.widget.attrs["class"] = "form-check-input"
```

```
class Meta:
    model = Event
    exclude = ['creator', 'datetime',]
    fields = '__all__'
```

```
from django.contrib import admin
from .models import Event, Band, BandEvent
# Register your models here.
```

```
class BandInline(admin.TabularInline):
    model = BandEvent
    extra = 1
```

```
class EventAdmin(admin.ModelAdmin):
    inlines = [BandInline]
    exclude = ('creator', 'participants')
    list_display = ('name', 'datetime',)

    def has_add_permission(self, request):
        if request.user.is_superuser:
            return True
        return False

    def has_delete_permission(self, request, obj=None):
        if obj and request.user == obj.creator:
            return True
        return False

    def has_change_permission(self, request, obj=None):
        if obj and request.user == obj.creator:
            return True
        return False

    def save_model(self, request, obj, form, change):
        obj.creator = request.user
        return super().save_model(request, obj, form, change)
```

```
class BandAdmin(admin.ModelAdmin):
    list_display = ('name', 'country',)
```

```
admin.site.register(Event, EventAdmin)
admin.site.register(Band, BandAdmin)
admin.site.register(BandEvent)
```

SETTINGS.PY URLS.PY

```
STATIC_URL = 'static/'
```

```
MEDIA_ROOT = os.path.join(BASE_DIR, 'media/')
```

```
MEDIA_URL = '/media/'
```

```
urlpatterns = [  
    path('admin/', admin.site.urls),  
    path('index/', index, name='index'),  
    path('newevent/', newevent, name='newevent'),  
    path('editevent/<int:event_id>', editevent, name='editevent'),  
    path('deleteevent/<int:event_id>', deleteevent, name='deleteevent'),  
] + static(settings.MEDIA_URL, document_root=settings.MEDIA_ROOT)
```

DJANGO KOMANDI

Команди

Инсталирање на виртуелна околина:

```
pip install virtualenv
```

```
mkdir Django
```

```
cd Django
```

```
virtualenv env
```

```
env\Scripts\activate
```

```
pip install django
```

Активација на виртуелна околина

```
cd(na folderot kade sto e kreirana virtuelnata okolina)
```

```
cd "C:\Users\krist\OneDrive\Desktop\Fakultet\VI semestar\DNICK\Django"
```

```
my_venv\Scripts\activate
```

Креирање на проект

```
cd na lokacija kade sto sakame da e proektot
```

```
cd C:\Users\krist\OneDrive\Desktop\Fakultet\VI semestar\DNICK\Django
```

kreiranje na proekt

```
django-admin startproject Books
```

Креирање на апликација

```
cd na lokacija na proektot
```

```
cd C:\Users\krist\OneDrive\Desktop\Fakultet\VI semestar\DNICK\Django\Books
```

kreiranje na aplikacija

```
python manage.py startapp BooksApp
```

AK NEMAS VENV - za zdrave

```
python -m venv myenv
```

```
.\myenv\Scripts\activate
```

```
pip install django
```

```
pip install pillow
```

```
pip install django
```

