

1. Код приложения


```
zaripova_project >  urls.py > ...
1  """zaripova_project URL Configuration
2
3  The `urlpatterns` list routes URLs to views. For more information please see:
4  |   https://docs.djangoproject.com/en/3.2/topics/http/urls/
5  |   Examples:
6  |   Function views
7  |       1. Add an import:  from my_app import views
8  |       2. Add a URL to urlpatterns:  path('', views.home, name='home')
9  |   Class-based views
10 |       1. Add an import:  from other_app.views import Home
11 |       2. Add a URL to urlpatterns:  path('', Home.as_view(), name='home')
12 |   Including another URLconf
13 |       1. Import the include() function: from django.urls import include, path
14 |       2. Add a URL to urlpatterns:  path('blog/', include('blog.urls'))
15 |   """
16  from django.contrib import admin
17  from django.urls import path
18  from zaripova_app import views
19
20  urlpatterns = [
21      path('', views.main, name='main'),
22      path('adding/', views.adding, name='adding'),
23      path('photos/', views.photos, name='photos'),
24      path('admin/', admin.site.urls),
25  ]
```

Рис.1.1 Маршруты

```

zaripova_app > views.py > ...
1  from django.shortcuts import render
2  from .models import NotePhoto
3
4
5  def main(request):
6      return render(request, 'main.html')
7
8
9  def adding(request):
10     if request.POST.get('add_note') == 'Сохранить':
11
12         NotePhoto.objects.create(
13             title      = request.POST.get('photo_title'),
14             category   = request.POST.get('photo_category'),
15             comment    = request.POST.get('photo_comment'),
16             photo      = request.POST.get('photo_ref')
17         )
18
19     return render(request, 'adding.html')
20
21
22 def photos(request):
23
24     all_photos = NotePhoto.objects.all()
25
26     context = {
27         'all_photos' : all_photos
28     }
29
30     return render(request, 'notes.html', context)

```

Рис.1.2 Представления

```

zaripova_app > models.py > ...
1  from django.db import models
2
3
4  class NotePhoto(models.Model):
5
6      title      = models.CharField('title', max_length=100)
7      category   = models.CharField('category', max_length=100)
8      comment    = models.CharField('comment', max_length=1000)
9      photo      = models.CharField('photo', max_length=1000)
10
11     def __str__(self):
12         return f"{self.title} ({self.category})"

```

Рис.1.3 Модель

```

templates > <> main.html > ...
1  {% load static %}
2  <!DOCTYPE html>
3  <html lang="en">
4  <head>
5      <meta charset="UTF-8">
6      <meta http-equiv="X-UA-Compatible" content="IE=edge">
7      <meta name="viewport" content="width=device-width, initial-scale=1.0">
8      <link rel="stylesheet" href="{% static '/css/style.css' %}">
9      <title>Zaripova</title>
10 </head>
11 <body>
12     <div class="container">
13         <div class="main-screen">
14             <div class="main-screen-title">Фотографии</div>
15             <a class="main-screen-btn" href="{% url 'adding' %}">Добавить</a>
16             <a class="main-screen-btn main-screen-btn-show-notes" href="{% url 'photos' %}">Коллекция</a>
17         </div>
18     </div> <!-- container -->
19 </body>
20 </html>

```

Рис.1.4 Страница main.html

```

templates > <> notes.html > ...
1  {% load static %}
2  <!DOCTYPE html>
3  <html lang="en">
4  <head>
5      <meta charset="UTF-8">
6      <meta http-equiv="X-UA-Compatible" content="IE=edge">
7      <meta name="viewport" content="width=device-width, initial-scale=1.0">
8      <link rel="stylesheet" href="{% static '/css/style.css' %}">
9      <title>Коллекция</title>
10 </head>
11 <body>
12     <div class="container">
13         <div class="main-screen-title">Коллекция</div>
14         <section class="check-list">
15             {% for photo in all_photos %}
16                 <div class="check-list-item">
17                     
18                     <div class="check-list-item-text">
19                         <h2>{{photo.title}}</h2>
20                         <p><b>Категория: </b>{{photo.category}}</p>
21                         <p><b>Впечатление: </b>{{photo.comment}}</p>
22                     </div>
23                 </div>
24             {% endfor %}
25         </section>
26         <a class="main-screen-btn notes-screen-btn-to-home" href="{% url 'main' %}">На главную</a>
27     </div> <!-- container -->
28 </body>
29 </html>

```

Рис.1.5 Страница notes.html

```

templates > <> adding.html > ...
1  {% load static %}
2  <!DOCTYPE html>
3  <html lang="en">
4  <head>
5      <meta charset="UTF-8">
6      <meta http-equiv="X-UA-Compatible" content="IE=edge">
7      <meta name="viewport" content="width=device-width, initial-scale=1.0">
8      <link rel="stylesheet" href="{% static '/css/style.css' %}">
9      <title>Новое фото</title>
10 </head>
11 <body>
12     <div class="container">
13         <div class="main-screen-title">Новое фото</div>
14         <form class="note-form" action="{% url 'adding' %}" method="post">
15             {% csrf_token %}
16             <input class="field" type="text" name="photo_title" placeholder="Название фотографии" required>
17             <input class="field" type="text" name="photo_category" placeholder="Категория" required>
18             <input class="field" class="note-form-input-promo" type="text" name="photo_ref" placeholder="URL-ссылка" required>
19             <textarea class="field" type="text" name="photo_comment" rows="2" placeholder="Впечатление" required></textarea>
20             <input class="main-screen-btn adding-screen-btn-send" type="submit" name="add_note" value="Сохранить">
21         </form>
22         <a class="main-screen-btn adding-screen-btn-to-home" href="{% url 'main' %}">На главную</a>
23     </div>
24 </body>
25 </html>

```

Рис.1.6 Страница adding.html

```
static > css > # style.css > body
1  body {
2      position: relative;
3      background: url("/static/img/bg_main.jpg") no-repeat ;
4      background-size: cover;
5      background-color: #grey;
6      margin: 0;
7  }
8  .container {
9      margin: auto;
10     width: 900px;
11     color: #white;
12 }
13 .main-screen-title {
14     margin: auto;
15     font-family: 'Montserrat';
16     font-style: normal;
17     font-weight: 400;
18     font-size: 50px;
19     text-align: center;
20     margin-bottom: 80px;
21     width: 500px;
22     padding-top: 80px;
23     color: #white;
24 }
25 .main-screen-btn {
26     font-family: 'Montserrat';
27     font-style: normal;
28     font-weight: 500;
29     font-size: 32px;
30     line-height: 39px;
31     text-align: center;
32     border: 2px solid #black;
33     text-decoration: none;
34     color: #black;
35     display: block;
36     padding: 30px;
37     width: 36%;
38     border-radius: 10px;
39     background: #rgba(255, 255, 255, 0.3);
```

Рис.1.7 Фрагмент файла со стилями

2. Скриншоты

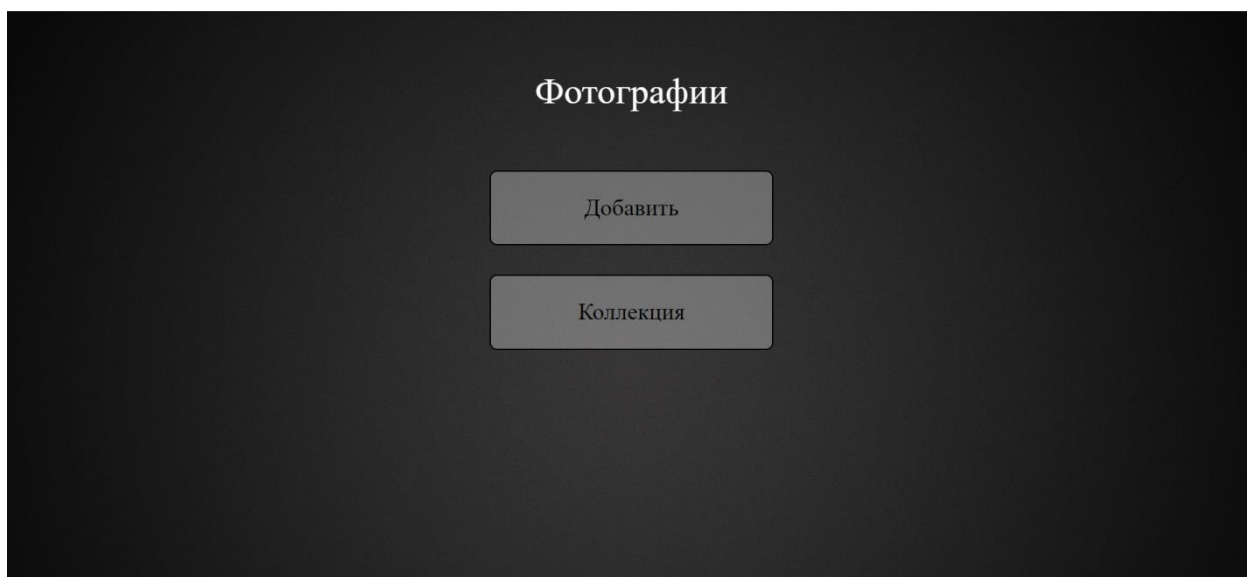


Рис.2.1 Первая страница

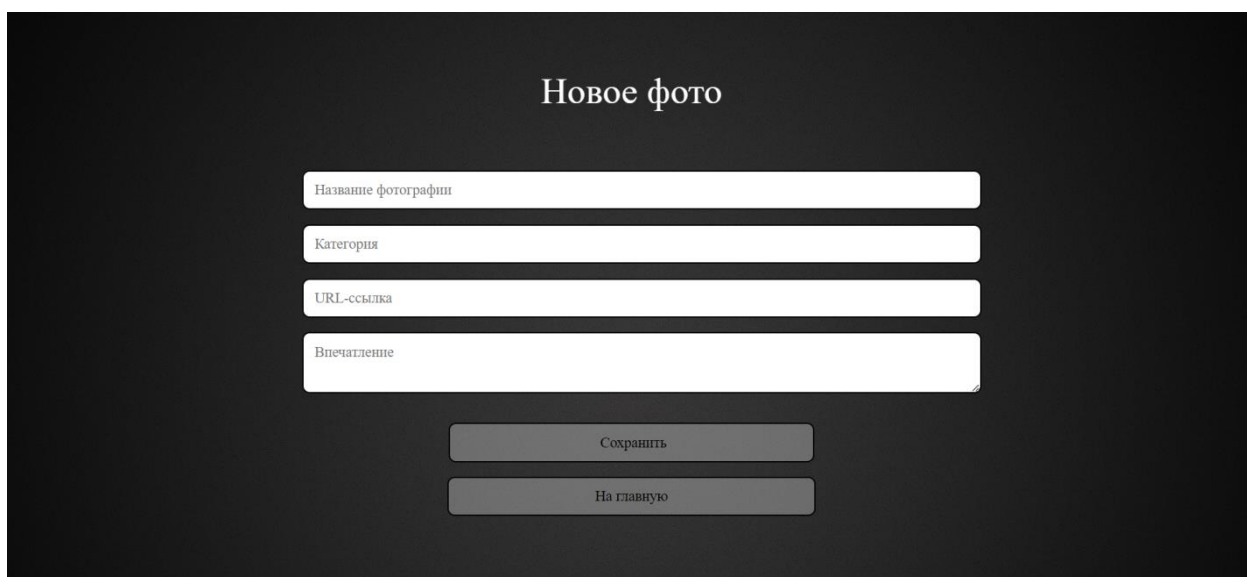


Рис.2.2 Создание записи для коллекции

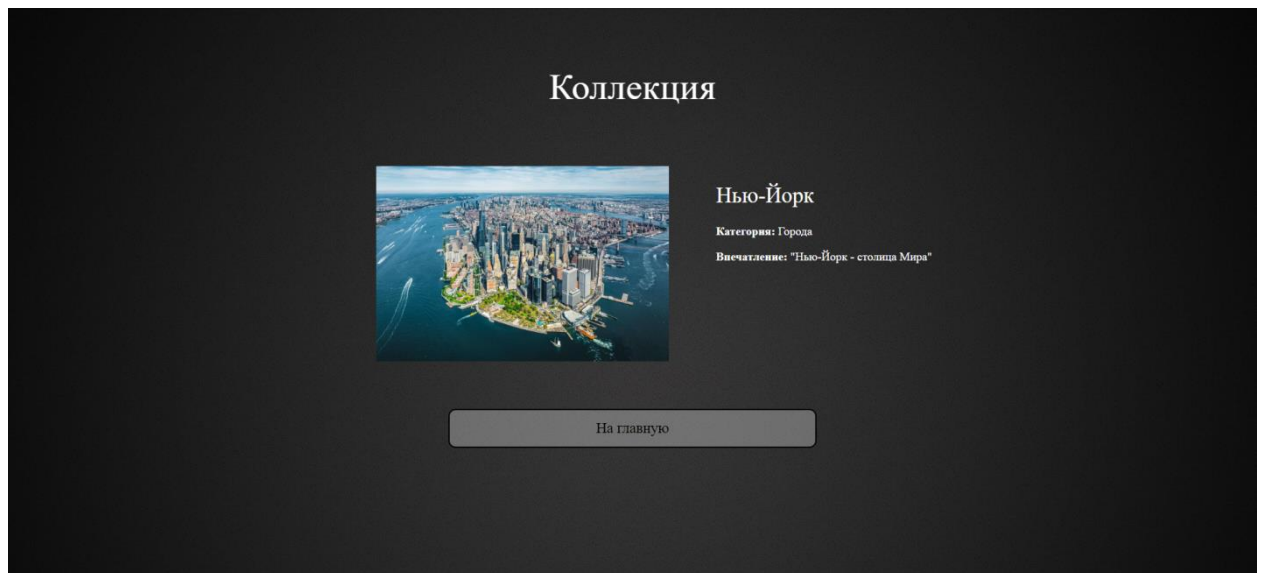


Рис.2.3 Коллекция с одной записью

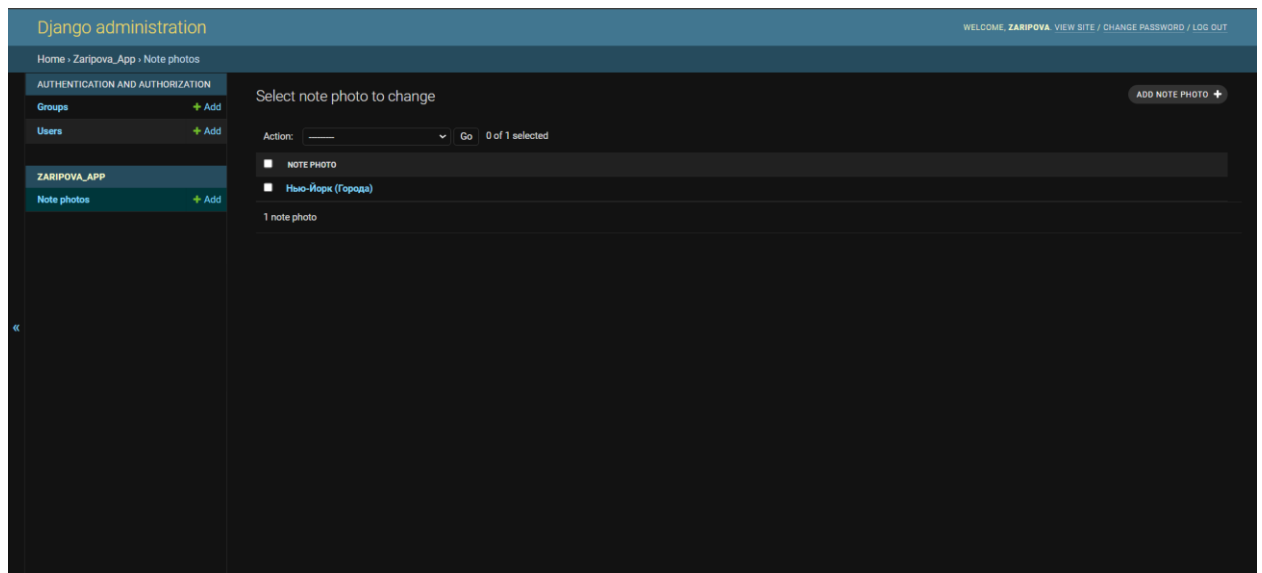


Рис.2.4 Панель администратора