Отчет по РК № 2 по курсу "Разработка Интернет-Приложений"

Выполнил:

Студент группы

ИУ5-55Б

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Задание:

Рубежный контроль представляет собой разработку веб-приложения с использованием фреймворка Django. Веб-приложение должно выполнять следующие функции:

- 1. Создайте проект Python Django с использованием стандартных средств Django.
- 2. Создайте модель Django ORM, содержащую две сущности, связанные отношением один-ко-многим в соответствии с Вашим вариантом из условий рубежного контроля №1.
- 3. С использованием стандартного механизма Django сгенерируйте по модели макет веб-приложения, позволяющий добавлять, редактировать и удалять данные.
- 4. Создайте представление и шаблон, формирующий отчет, который содержит соединение данных из двух таблиц.

№ варианта	Класс 1	Класс 2
16	Книга	Книжный магазин

Текст программы:

rk2/urls.py

books/models.py

```
class BookStore(models.Model):
    name = models.CharField(max_length=256, verbose_name="Store name")

def __str__(self):
    return self.name

class Book (models.Model):
    name = models.CharField(max_length=256, verbose_name="Book name")
    cost = models.PositiveIntegerField(verbose_name="Book cost")
    store = models.ForeignKey(
        BookStore,
        on_delete=models.SET_DEFAULT,
        null=True,
        default=None,
        related_name="books"
)

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

books/views.py

```
dto[key] = request.POST[key]
       dto['store'] = get object or 404(BookStore, pk=request.POST['store'])
      new_book = Book(**dto)
def update book(request, book id):
      book = get_object_or_404(Book, pk=book_id)
      return render(request, 'book/update book.html', {"book": book, "stores": stores})
       for key in request POST:
               setattr(book, key, request.POST[key])
       if 'store' in request.POST:
               BookStore, pk=request.POST['store']))
def delete book(request, book id):
  return redirect(request.META.get('HTTP REFERER'))
def read store(request):
   return render(request, 'store/store list.html', {'stores': stores})
def create store(request):
   if request.method == 'GET':
       return render(request, 'store/create_store.html')
      new store = BookStore(name=request.POST['name'])
      new store.save()
def update store(request, store id):
  if request.method == 'GET':
       return render(request, 'store/update store.html', {"store": store})
       for key in request.POST:
```

templates/inc/base.html

templates/inc/navbar.html

templates/book/book_card.html

templates/book/book_form.html

templates/book/book_list.html

templates/book/create_book.html

templates/book/update_book.html

```
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```

templates/store/store_card.html

```
{% load static %}
```

templates/store/store_form.html

templates/store/store_list.html

templates/store/create_store.html

```
</form>
</div>
{% endblock content %}
```

templates/store/update_store.html

templates/report.html

templates/index.html

```
{% extends 'inc/base.html' %}
{% load static %}
{% block content %}
```

Результат работы:

















