

Лабораторная работа № 5

Тема:

1. Веб-программирование;
2. Веб-фреймворк Django

Цель работы:

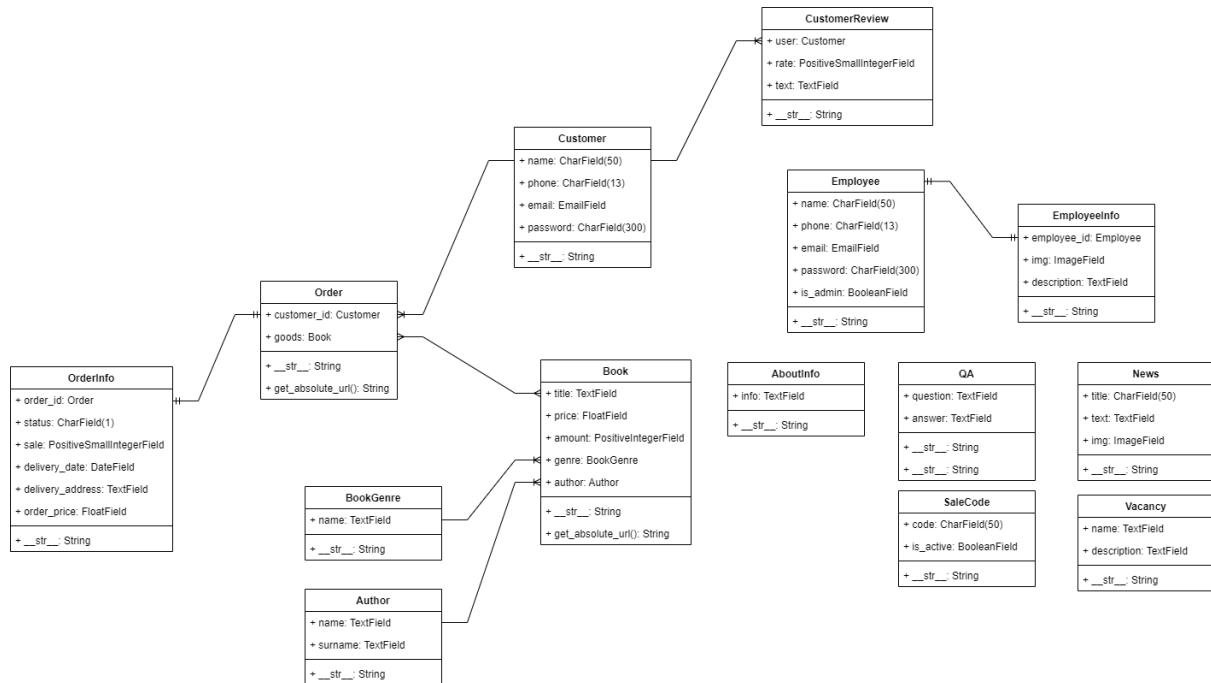
Закрепить знания и навыки по работе со стандартными библиотеками, фреймворком Django.

Задание.

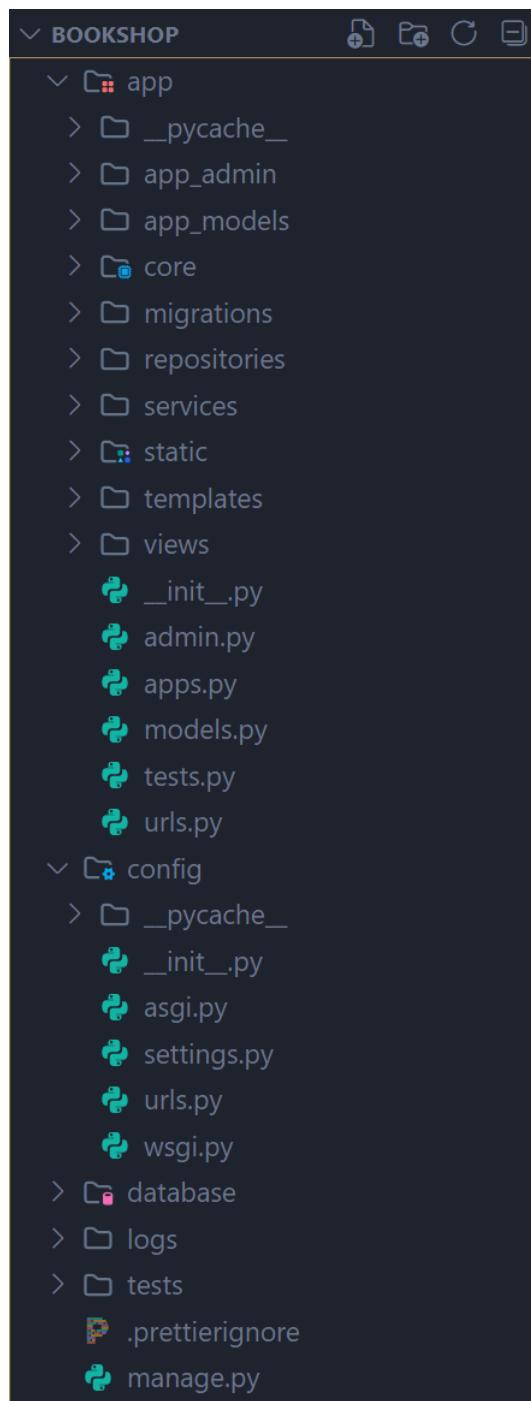
Реализовать веб-сайт с использованием Веб-фреймворк Django по индивидуальному заданию (выбрать вариант по номеру в журнале или реализовать свой проект - согласовать с преподавателем до начала разработки)

Вариант 11

Диаграмма моделей задания:



Структура проекта



Страница авторизации/регистрации

127.0.0.1:8000/sign-in/

Sign In



Email: Email

Password: Password

[SignIn](#) | [SignUp](#)

About Us
News
Books
FAQ
Contact Us
Vacancies
Reviews
Sale codes
Privacy Policy

127.0.0.1:8000/sign-up/

Sign Up



Name: Name

Phone: +37529 Phone number

Email: Email

Password: Password

Confirmation: I confirm that I am over 18 years old.

[SignIn](#) | [SignUp](#)

About Us
News
Books
FAQ
Contact Us
Vacancies
Reviews
Sale codes
Privacy Policy

Главная

127.0.0.1:8000

BOOKSHOP



Welcome to BOOKY, a very cool bookshop with your favourite authors!

[Account](#) [LogOut](#)

About Us
News
Books
FAQ
Contact Us
Vacancies
Reviews
Sale codes
Privacy Policy

Страница аккаунта пользователя

127.0.0.1:8000/lk/

Name: Bill [Edit](#)

Phone: +375299084605

Email: user1@user.com

Time info

Timezone: Беларусь / 3:00
UTC date: 06/05/2024 07:56
Local date: 06/05/2024 10:56

About Us
News
Books
FAQ
Contact Us
Vacancies
Reviews
Sale codes
Privacy Policy

Calendar

May 2024						
Mo	Tu	We	Th	Fr	Sa	Su
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Order 1

- Руслан и Людмила
Author: Пушкин Александр
Genre: Поэма
Price: 100.0 BYN
- Дубровский
Author: Пушкин Александр
Genre: Роман
Price: 66.0 BYN
- Герой нашего времени
Author: Лермонтов Михаил
Genre: Роман
Price: 55.0 BYN

Delivery date: April 29, 2024
Delivery address: Brest, Pobedyteley 11
[Delivered](#)

Order 2

- Дубровский
Author: Пушкин Александр
Genre: Роман
Price: 66.0 BYN

Delivery date: April 26, 2024
Delivery address: Minsk, M. Bogdanovich 29
[Delivered](#)

Account LogOut

Подробная информация о заказе

127.0.0.1:8000/orders/9

Order Info

Ruслан и Людмила
Author: Пушкин Александр
Genre: Поэма
Price: 100.0 BYN

Дубровский
Author: Пушкин Александр
Genre: Роман
Price: 66.0 BYN

Герой нашего времени
Author: Лермонтов Михаил
Genre: Роман
Price: 55.0 BYN

Order date: April 19, 2024
Delivery date: April 29, 2024
Delivery address: Brest, Pobedyteley 11
Sale: 0%
Order price: 221.0 BYN
[Delivered](#)

About Us
News
Books
FAQ
Contact Us
Vacancies
Reviews
Sale codes
Privacy Policy

Account LogOut

О КОМПАНИИ

127.0.0.1:8000/about/

Account LogOut



About Us

Welcome to BOOKY, a very cool bookshop with your favourite authors!

- [About Us](#)
- [News](#)
- [Books](#)
- [FAQ](#)
- [Contact Us](#)
- [Vacancies](#)
- [Reviews](#)
- [Sale codes](#)
- [Privacy Policy](#)

НОВОСТИ

127.0.0.1:8000/news/

Account LogOut



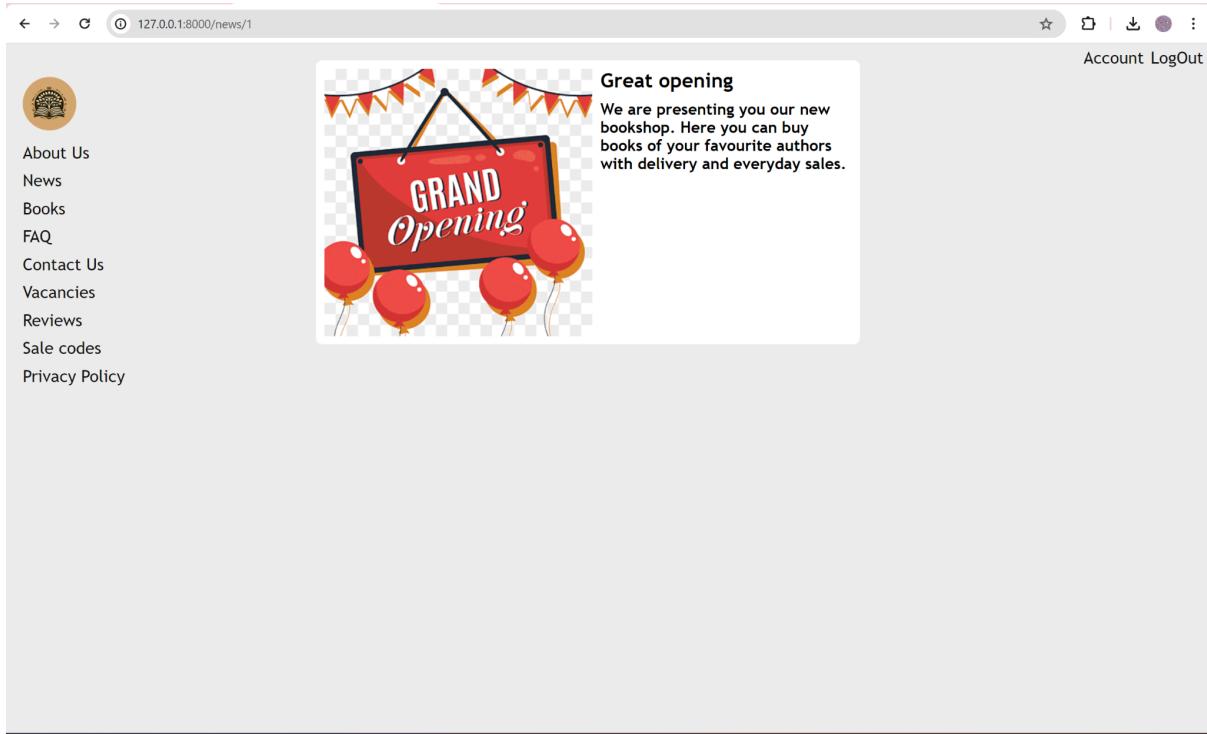
News

Catalog update
New book appeared in our catalog

[Read more...](#)

 **Great opening**
We are presenting you our new bookshop

[Read more...](#)



Каталог книг

A screenshot of a books catalog page. At the top right, there are browser controls and a user account link 'Account LogOut'. On the left, a sidebar contains links: 'About Us', 'News', 'Books', 'FAQ', 'Contact Us', 'Vacancies', 'Reviews', 'Sale codes', and 'Privacy Policy'. In the center, there is a search bar with 'Enter book title' and a 'Search' button. Below the search bar, there is a list of books:

- Кавказский пленник**
Author: Пушкин Александр
Genre: Роман
Amount of books: 13
Price: 52.0 BYN
- Дубровский**
Author: Пушкин Александр
Genre: Роман
Amount of books: 9
Price: 66.0 BYN
- Отецы и дети**
Author: Тургенев Иван
Genre: Роман
Amount of books: 7
Price: 79.99 BYN
- Руслан и Людмила**
Author: Пушкин Александр
Genre: Поэма
Amount of books: 3
Price: 100.0 BYN
- Капитанская дочка**
Author: Пушкин Александр
Genre: Роман
Amount of books: 3

On the right side, there is a 'Filters:' section with two buttons: 'Price' and 'Amount'.

Информация о книге

127.0.0.1:8000/books/9

Account LogOut

Кавказский пленник
Пушкин Александр
Роман
13 left!

52.0 BYN
BUY NOW

About Us
News
Books
FAQ
Contact Us
Vacancies
Reviews
Sale codes
Privacy Policy

Страница создания заказа

127.0.0.1:8000/orders/

Account LogOut

Creating order

Кавказский пленник, Пушкин Александр, 52.0 BYN
 Дубровский, Пушкин Александр, 66.0 BYN
 Отцы и дети, Тургенев Иван, 79.99 BYN
 Руслан и Людмила, Пушкин Александр, 100.0 BYN
 Капитанская дочка, Пушкин Александр, 70.0 BYN
 Герой нашего времени, Лермонтов Михаил, 55.0 BYN

Books:

Date: May 7 2024

Address: Enter a delivery address(pickup address as default)
Minsk, M. Bogdanovich 29

Sale code:

0 BYN

Create Order

About Us
News
Books
FAQ
Contact Us
Vacancies
Reviews
Sale codes
Privacy Policy

Страница с вопросами и ответами

The screenshot shows a web browser window with a pink header bar. The address bar displays "127.0.0.1:8000/faq/". The main content area is titled "FAQ". On the left, there is a sidebar with a logo and links to "About Us", "News", "Books", "FAQ", "Contact Us", "Vacancies", "Reviews", "Sale codes", and "Privacy Policy". The right side contains two white boxes with rounded corners, each containing a question and its answer. The first box is titled "Is delivery free?" and answers "Delivery is free around Belarus" on April 21, 2024. The second box is titled "Do you have a pickup address?" and answers "Yes, we have 1 pickup point: Minsk, M.Bogdanovich 29" on April 21, 2024. In the top right corner of the browser window, there are "Account" and "LogOut" buttons.

Страница с контактами

The screenshot shows a web browser window with a pink header bar. The address bar displays "127.0.0.1:8000/contacts/". The main content area is titled "Contact Us". On the left, there is a sidebar with a logo and links to "About Us", "News", "Books", "FAQ", "Contact Us", "Vacancies", "Reviews", "Sale codes", and "Privacy Policy". The right side displays two contact profiles in white boxes. The first profile is for "Bob", showing a photo of a man in a blue jacket, the phone number "+375291234567", the email "test2@test.com", and the title "Manager". The second profile is for "Paul", showing a photo of a man in a patterned sweater, the phone number "+375299084605", the email "test1@test.com", and the title "He is just Ken". In the top right corner of the browser window, there are "Account" and "LogOut" buttons.

Страница вакансий

The screenshot shows a web browser window with a pink header bar. The address bar displays the URL `127.0.0.1:8000/vacancies/`. The main content area is titled "Vacancies". On the left, there is a sidebar with links: About Us, News, Books, FAQ, Contact Us, Vacancies, Reviews, Sale codes, and Privacy Policy. The sidebar also features a logo of a book with a crown.

Cashier
Requirements:
work experience not required
full-time work
Salary:
from 650 BYN
May 8, 2024

Junior manager
Requirements:
responsibility
degree in management field
at least 1 year of experience
Salary:
from 800 BYN
April 21, 2024

[Add Vacancy](#)

AdminPanel Orders Account LogOut

Страница отзывов

The screenshot shows a web browser window with a pink header bar. The address bar displays the URL `127.0.0.1:8000/reviews/`. The main content area is titled "Reviews". On the left, there is a sidebar with links: About Us, News, Books, FAQ, Contact Us, Vacancies, Reviews, Sale codes, and Privacy Policy. The sidebar also features a logo of a book with a crown.

Mark
Rate: 3/5
aboba boba
April 21, 2024

Bill
Rate: 5/5
abiba
April 21, 2024

[Add Review](#)

Account LogOut

Активные скидки

The screenshot shows a web browser window with the URL 127.0.0.1:8000/sales/. The page title is "Активные скидки". On the left, there is a sidebar with a logo of a book and a tree, and a list of links: About Us, News, Books, FAQ, Contact Us, Vacancies, Reviews, Sale codes, and Privacy Policy. In the center, under the heading "Current Sales", there is a list of two items: 1. [code_10](#) - sale 10% and 2. [code_20](#) - sale 20%. On the right, there is a "Account LogOut" button.

Страница с использованием сторонних API

The screenshot shows a web browser window with the URL 127.0.0.1:8000/policy/. The page title is "Страница с использованием сторонних API". On the left, there is a sidebar with a logo of a book and a tree, and a list of links: About Us, News, Books, FAQ, Contact Us, Vacancies, Reviews, Sale codes, and Privacy Policy. In the center, there is a "Welcome to BOOKY, a very cool bookshop with your favourite authors!" message. Below it, there is a "Take a rest and enjoy..." section with a joke: "A happy cat holds her tail high and steady. What did the fish say when it swam into a wall? Damn!". At the bottom, there is a copyright notice: "© BOOKY 2024. All rights reserved." On the right, there is a "Account LogOut" button.

Страница всех заказов(вид рабочего/админа)

127.0.0.1:8000/orders/

Orders Account LogOut

Order 9
Customer Info:
Name: Bill
Phone: +375299084605
Email: user1@user.com
• Руслан и Людмила
Author: Пушкин Александр
Genre: Поэма
Price: 100.0 BYN
• Дубровский
Author: Пушкин Александр
Genre: Роман
Price: 66.0 BYN
• Герой нашего времени
Author: Лермонтов Михаил
Genre: Роман
Price: 55.0 BYN
Order date: April 19, 2024
Delivery date: April 29, 2024
Delivery address: Brest, Pobedyteley 11
Sale: 0%
Order price: 221.0 BYN
Delivered

Order 12
Customer Info:
Name: Bill
Phone: +375299084605
Email: user1@user.com
• Дубровский
Author: Пушкин Александр
Genre: Роман
Price: 66.0 BYN
Order date: April 25, 2024
Delivery date: April 26, 2024
Delivery address: Minsk, M. Bogdanovich 29
Sale: 20%
Order price: 52.0 BYN
Delivered

Order 11
Customer Info:
Name: Dave
Phone: +375294444444
Email: user3@user.com
• Руслан и Людмила
Author: Пушкин Александр
Genre: Поэма
Price: 100.0 BYN
• Герой нашего времени
Author: Лермонтов Михаил
Genre: Роман
Price: 55.0 BYN
Order date: Feb. 22, 2024
Delivery date: Feb. 23, 2024
Delivery address: Mogilev, 30 years of Victory 12
Sale: 0%
Order price: 155.0 BYN
Delivered

Статистика магазина(вид админа)

127.0.0.1:8000/admin-panel/

AdminPanel Orders Account LogOut

Pricelist

Кавказский пленник Author: Пушкин Александр Genre: Роман Amount of books: 13 Price: 52.0 BYN	Дубровский Author: Пушкин Александр Genre: Роман Amount of books: 9 Price: 66.0 BYN	Отцы и дети Author: Тургенев Иван Genre: Роман Amount of books: 7 Price: 79.99 BYN	Руслан и Людмила Author: Пушкин Александр Genre: Поэма Amount of books: 3 Price: 100.0 BYN
Капитанская дочка Author: Пушкин Александр Genre: Роман Amount of books: 3 Price: 70.0 BYN	Герой нашего времени Author: Лермонтов Михаил Genre: Роман Amount of books: 2 Price: 55.0 BYN		

Customers Statistics

Name: Bill Brest: Phone: +375299084605 Email: user1@user.com	Name: Mark Minsk: Phone: +375291234567 Email: user@user.com
Name: Bill Minsk: Phone: +375299084605 Email: user1@user.com	Name: Dave Mogilev: Phone: +375294444444 Email: user3@user.com
Name: Frank Vitebsk: Phone: +375293333333 Email: user2@user.com	

Скидки(вид админа)

127.0.0.1:8000/sales/

All sale codes

1. code_25 - sale 25% - Disabled	Activate	Delete
2. code_30 - sale 30% - Disabled	Activate	Delete
3. code_50 - sale 50% - Disabled	Activate	Delete
4. code_10 - sale 10% - Active	Disable	Delete
5. code_20 - sale 20% - Active	Disable	Delete

[Add](#)

About Us
News
Books
FAQ
Contact Us
Vacancies
Reviews
Sale codes
Privacy Policy

AdminPannel Orders Account LogOut

Вакансии(вид админа)

127.0.0.1:8000/vacancies/

Vacancies

Cashier Requirements: work experience not required full-time work Salary: from 650 BYN May 8, 2024	Update	Delete
Junior manager Requirements: responsibility degree in management field at least 1 year of experience Salary: from 800 BYN April 21, 2024	Update	Delete

[Add Vacancy](#)

About Us
News
Books
FAQ
Contact Us
Vacancies
Reviews
Sale codes
Privacy Policy

AdminPannel Orders Account LogOut

Страница с контактами(вид админа)

127.0.0.1:8000/contacts/

Contact Us

AdminPanel Orders Account LogOut

 Bob
+375291234567
test2@test.com
Manager Update

 Paul
+375299084605
test1@test.com
He is just Ken Update

About Us
News
Books
FAQ
Contact Us
Vacancies
Reviews
Sale codes
Privacy Policy

Вопросы и ответы(вид админа)

127.0.0.1:8000/faq/

FAQ

AdminPanel Orders Account LogOut

Is delivery free?
Delivery is free around Belarus Update Delete
April 21, 2024

Do you have a pickup address?
Yes, we have 1 pickup point: Minsk, M.Bogdanovich 29 Update Delete
April 21, 2024

Add QA

About Us
News
Books
FAQ
Contact Us
Vacancies
Reviews
Sale codes
Privacy Policy

Каталог книг(вид админа)

The screenshot shows a web-based book catalog system. On the left, there's a sidebar with links: About Us, News, Books, FAQ, Contact Us, Vacancies, Reviews, Sale codes, and Privacy Policy. The main area is titled "Books Catalog". It contains a search bar with placeholder "Enter book title" and a "Search" button. Below the search bar is a table-like structure listing five books:

Book Title	Author	Genre	Amount of books	Price
Кавказский пленник	Пушкин Александр	Роман	13	52.0 BYN
Дубровский	Пушкин Александр	Роман	9	66.0 BYN
Анна Каренина	Толстой Лев	Роман	8	85.7 BYN
Война и мир	Толстой Лев	Роман	7	125.5 BYN
Собачье сердце	Булгаков Михаил	Сатира	7	

On the right side, there are "Filters:" buttons for "Price" and "Amount". At the top right, there are links: AdminPanel, Orders, Account, LogOut.

Страница книги(вид админа)

The screenshot shows a detailed view of a book entry. The sidebar on the left is identical to the one in the previous screenshot. The main content area displays the following information for the book "Кавказский пленник":

Кавказский пленник EDIT
Пушкин Александр DELETE
Роман
13 left!

Страница новостей(вид админа)

127.0.0.1:8000/news/

AdminPanel Orders Account LogOut

News

Catalog update
New book appeared in our catalog
[Read more...](#)

**Great opening**
We are presenting you our new bookshop
[Read more...](#)

[Add news](#)

127.0.0.1:8000/news/1

AdminPanel Orders Account LogOut

**Great opening**
We are presenting you our new bookshop. Here you can buy books of your favourite authors with delivery and everyday sales.

[Update](#) [Delete](#)

Страница о компании

The screenshot shows a web browser window with the URL `127.0.0.1:8000/about/` in the address bar. The page title is "About Us". The main content area displays a welcome message: "Welcome to BOOKY, a very cool bookshop with your favourite authors!" followed by a "Update info" button. On the left side, there is a sidebar with a logo of an open book and a list of links: About Us, News, Books, FAQ, Contact Us, Vacancies, Reviews, Sale codes, and Privacy Policy.

About Us

Welcome to BOOKY, a very cool bookshop with your favourite authors!

Update info

About Us
News
Books
FAQ
Contact Us
Vacancies
Reviews
Sale codes
Privacy Policy

AdminPanel Orders Account LogOut