

Online Bookstore

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About

Online Book store is an online web application where the customer can purchase books online. Through a web browser the customers can search for a book by its title or author, later can add to the shopping cart and finally purchase it. The user can login using his account details or new customers can set up an account very quickly

Proposed System

- A home page with product catalog
- Search facility to the user
- Shopping Cart
- Payment Integration for online payment

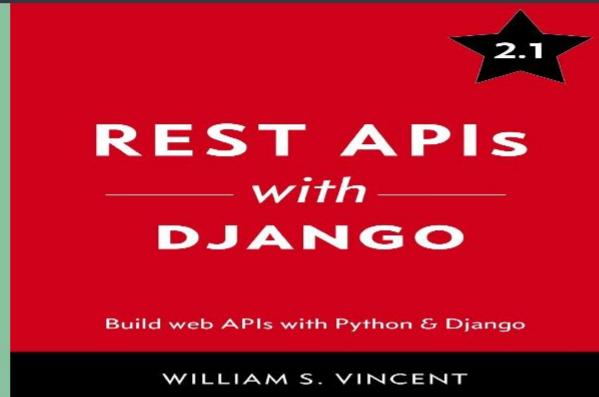
Functional Requirements

Functional requirements are explained below:

- Users can use a valid email and password to login.
- Admin can retrieve user list.
- Admin can add new product in the available product section.
- Users can retrieve only their details.
- User can place order, view orders placed by them, track orders and cancel orders.

Non Functional Requirements

- Digitalisation of the sales will keep data integrity.
- Tracking of order can be easily done.
- Automated invoice generation and tax calculation will increase efficiency.
- Sales data could be analysed to gauged future demand.
- High demand address could be easily found.
- Stock keeping based on sales of books.



Title: DjangoBookForApi

Author: vincent

Price: 500 Rs

[Add to Cart:](#)



BookStore

Home about

Search...

login Registration

Username:

First-Name:

Last-Name:

Email:

password:

ConfirmPassword:

already have a account? [Sign In](#)

UserName: Password: i have no account then [Register](#)[forgot password?](#)

BookStore

Home about

Search...

myCart myorder logout



Title: DjangoBookForApi

Author: vincent

Price: 500 Rs.

Add to Cart:



Your Cart

GameofThrones

by Martin

3 x Rs1000

Quantity: [\[+\]](#) / [\[-\]](#)

DjangoBookForApi

by vincent

5 x Rs500

Quantity: [\[+\]](#) / [\[-\]](#)

Total: Rs5500

[Proceed for Payment](#)

Payment Summary

Total Amount - 5500

Pay N

bookStore
Test Transaction

₹ 5,500

English ▾

Country
+91 ▾ Phone

Email
sharhp550@gmail.com

🔒 This payment is secured by Razorpay.

PROCEED

my order

GameofThrones

by Martin

email:

sharshp550@gmail.com

order_id:

PAY2ME20210420ODR93

Status: Not packed

payment Status:

cashOnDelivery

Quantity: 3

Price: 1000

Amount: $3 * 1000 =$

5500

date: April 20, 2021, 4:30

p.m.

Cancel

Django administration

Home - Authentication and Authorization > Users

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

BOOK

Books + Add

CART

Book orders + Add

Carts + Add

Orders + Add

Product in orders + Add

ADD USER +

Select user to change

SEARCH

Action: ----- Go 0 of 3 selected

<input type="checkbox"/>	USERNAME	EMAIL ADDRESS	FIRST NAME	LAST NAME	STAFF STATUS
<input type="checkbox"/>	dhiraj.kr	hjdiij@gmail.com	dhiraj	kumar	
<input type="checkbox"/>	harsh.prakash	sharhp550@gmail.com			
<input type="checkbox"/>	harsh@123	12334@gmail.com	santu	gupta	

3 users

FILTER

By staff status

All Yes No

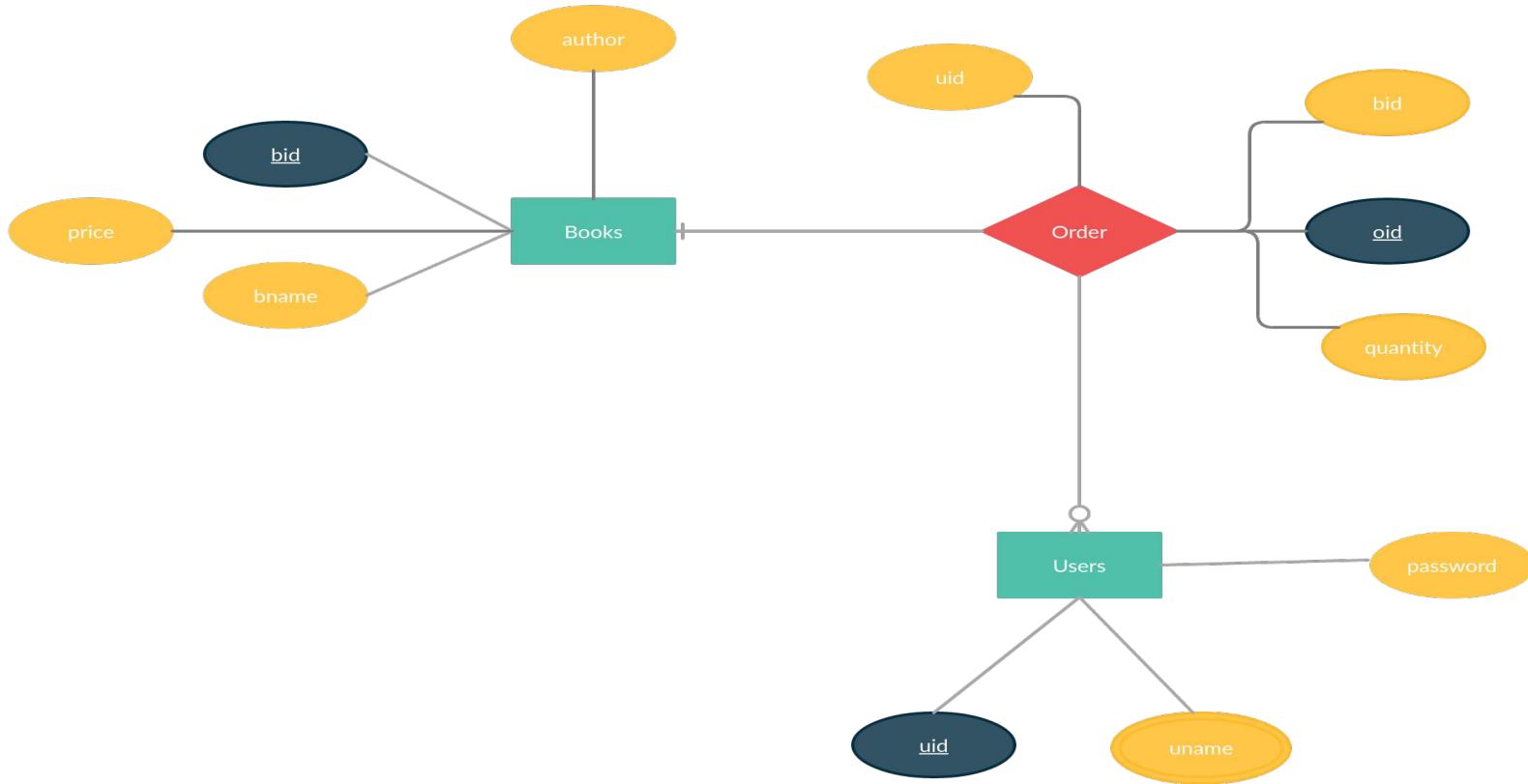
By superuser status

All Yes No

By active

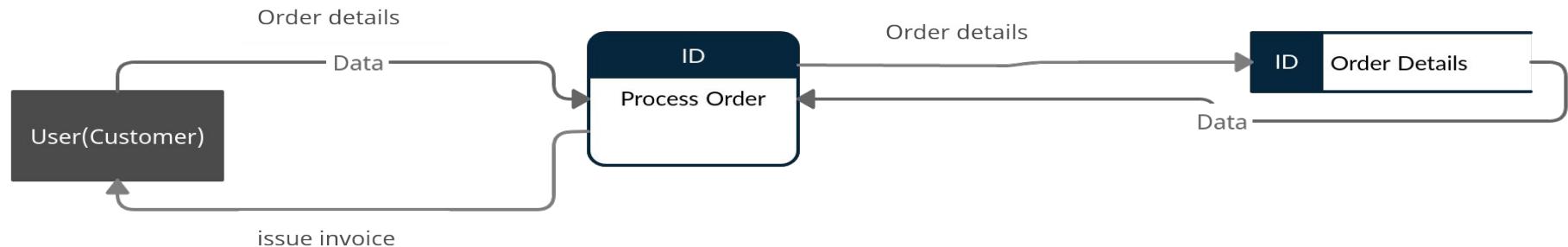
All Yes No

E-R Diagram

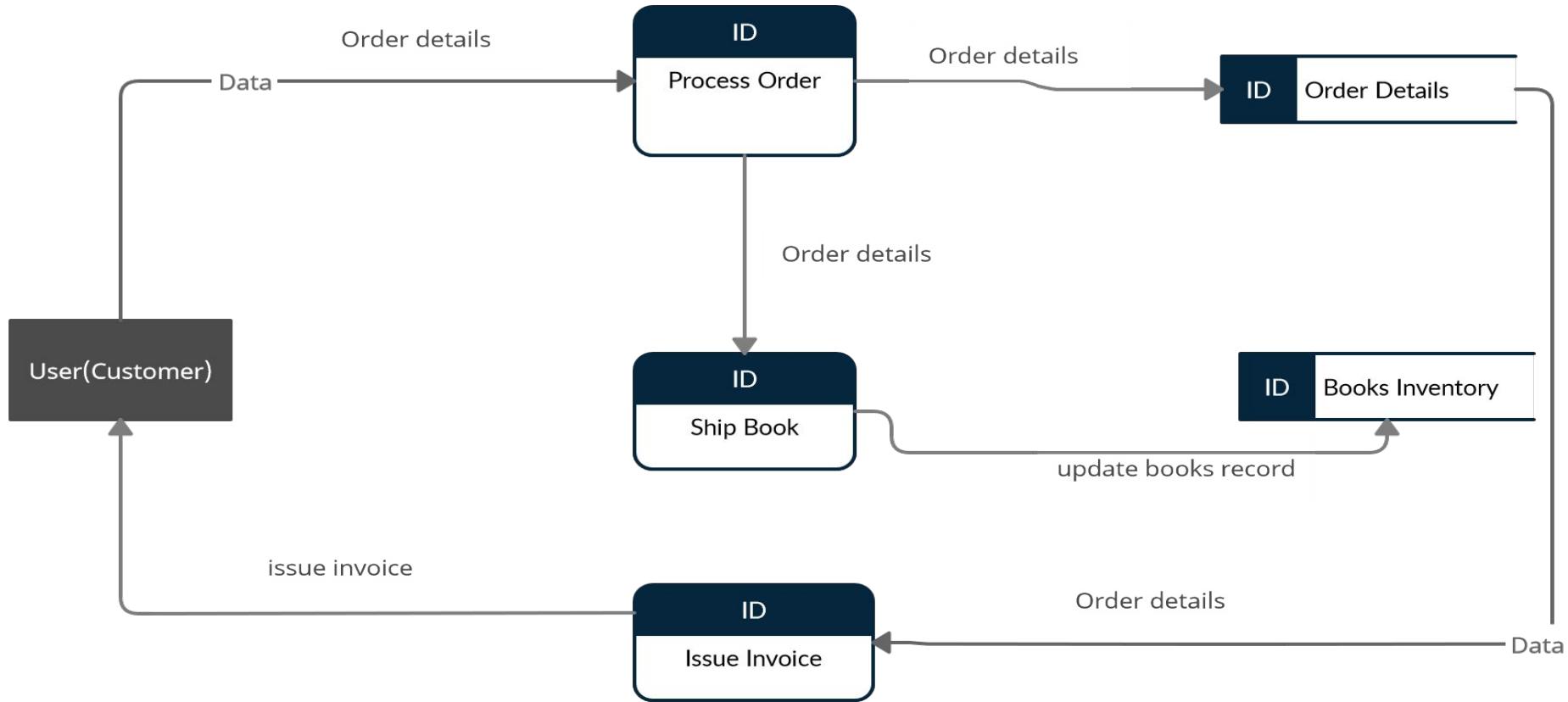


Data-Flow Diagram

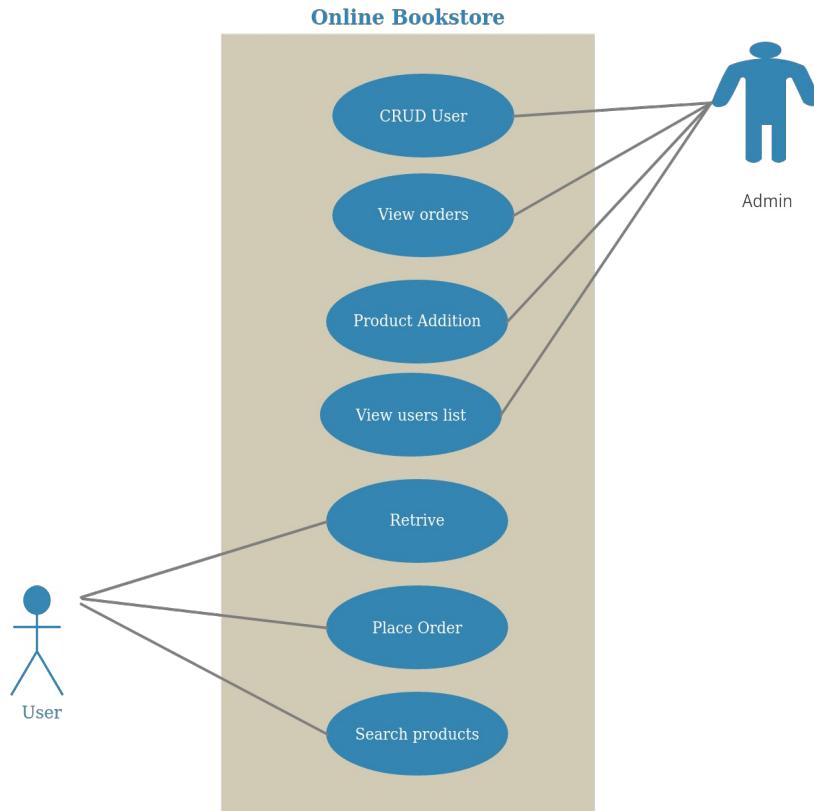
LEVEL ZERO DATA FLOW
DIAGRAM



Level 1



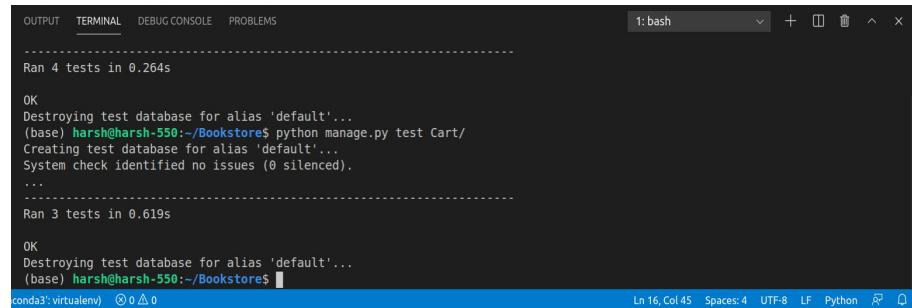
Use Cases



Testing Report

Unit Testing Report

Cart, Product and User Testing

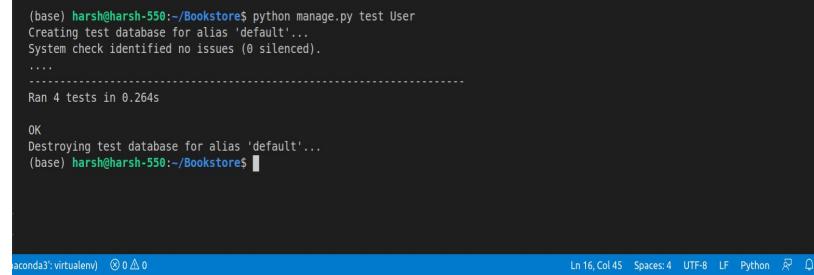


OUTPUT TERMINAL DEBUG CONSOLE PROBLEMS

```
Ran 4 tests in 0.264s
-----
OK
Destroying test database for alias 'default'...
(base) harsh@harsh-550:~/Bookstore$ python manage.py test Cart/
Creating test database for alias 'default'...
System check identified no issues (0 silenced).
...
Ran 3 tests in 0.619s
-----
OK
Destroying test database for alias 'default'...
(base) harsh@harsh-550:~/Bookstore$
```

conda3:virtualenv) ⚡ 0 △ 0

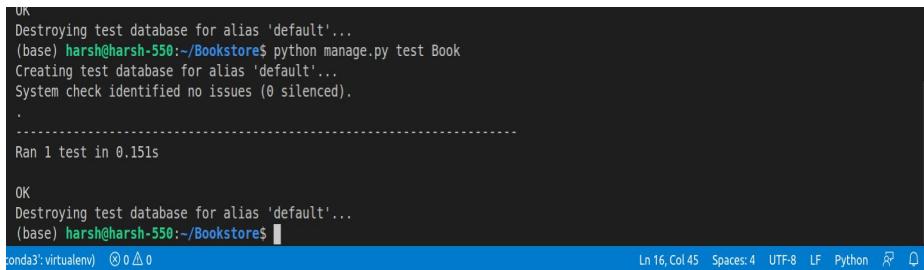
Ln 16, Col 45 Spaces: 4 UTF-8 LF Python ⚡ 🔍



```
(base) harsh@harsh-550:~/Bookstore$ python manage.py test User
Creating test database for alias 'default'...
System check identified no issues (0 silenced).
...
Ran 4 tests in 0.264s
-----
OK
Destroying test database for alias 'default'...
(base) harsh@harsh-550:~/Bookstore$
```

akonda3:virtualenv) ⚡ 0 △ 0

Ln 16, Col 45 Spaces: 4 UTF-8 LF Python ⚡ 🔍



```
OK
Destroying test database for alias 'default'...
(base) harsh@harsh-550:~/Bookstore$ python manage.py test Book
Creating test database for alias 'default'...
System check identified no issues (0 silenced).
.
Ran 1 test in 0.151s
-----
OK
Destroying test database for alias 'default'...
(base) harsh@harsh-550:~/Bookstore$
```

conda3:virtualenv) ⚡ 0 △ 0

Ln 16, Col 45 Spaces: 4 UTF-8 LF Python ⚡ 🔍

Black box Testing

Cancel Order, Cart , Details and Login

```
[20/Apr/2021 16:57:07] "GET / HTTP/1.1" 200 3989
[20/Apr/2021 16:57:10] "GET /login/ HTTP/1.1" 200 3587
[20/Apr/2021 16:57:12] "POST /login/ HTTP/1.1" 302 0
[20/Apr/2021 16:57:12] "GET / HTTP/1.1" 200 4052
[20/Apr/2021 16:57:16] "GET /add/1 HTTP/1.1" 302 0
[20/Apr/2021 16:57:16] "GET /cart/ HTTP/1.1" 200 4136
[20/Apr/2021 16:57:19] "GET /remove/1 HTTP/1.1" 302 0
[20/Apr/2021 16:57:19] "GET /cart/ HTTP/1.1" 200 4136
[20/Apr/2021 16:57:21] "GET /remove/3 HTTP/1.1" 302 0
[20/Apr/2021 16:57:21] "GET /cart/ HTTP/1.1" 200 4136
[20/Apr/2021 16:57:31] "GET /cart/ HTTP/1.1" 200 4136
[20/Apr/2021 16:57:33] "GET /cart/ HTTP/1.1" 200 4136
[20/Apr/2021 16:58:24] "GET /myorder/ HTTP/1.1" 200 6005
[20/Apr/2021 16:58:25] "GET /delete_order/94 HTTP/1.1" 200 3027
```

conda3:virtualenv] ⚡ 0 △ 0

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```
[20/Apr/2021 16:47:07] "GET /detail/1/ HTTP/1.1" 200 3100
[20/Apr/2021 16:47:10] "GET / HTTP/1.1" 200 3989
[20/Apr/2021 16:57:07] "GET / HTTP/1.1" 200 3989
[20/Apr/2021 16:57:10] "GET /login/ HTTP/1.1" 200 3587
[20/Apr/2021 16:57:12] "POST /login/ HTTP/1.1" 302 0
[20/Apr/2021 16:57:12] "GET / HTTP/1.1" 200 4052
[20/Apr/2021 16:57:16] "GET /add/1 HTTP/1.1" 302 0
[20/Apr/2021 16:57:16] "GET /cart/ HTTP/1.1" 200 4136
[20/Apr/2021 16:57:19] "GET /remove/1 HTTP/1.1" 302 0
[20/Apr/2021 16:57:19] "GET /cart/ HTTP/1.1" 200 4136
[20/Apr/2021 16:57:21] "GET /remove/3 HTTP/1.1" 302 0
[20/Apr/2021 16:57:21] "GET /cart/ HTTP/1.1" 200 4136
[20/Apr/2021 16:57:31] "GET /cart/ HTTP/1.1" 200 4136
[20/Apr/2021 16:57:33] "GET /cart/ HTTP/1.1" 200 4136
```

conda3:virtualenv] ⚡ 0 △ 0

Ln 5, Col 52 Spaces:4 UTF-8 LF Python ⌂ ⌂

```
[20/Apr/2021 16:42:13] "GET /admin/jsi18n/ HTTP/1.1" 200 3187
[20/Apr/2021 16:42:15] "GET /admin/Cart/productinorder/l36/change/ HTTP/1.1" 200 10117
[20/Apr/2021 16:42:15] "GET /admin/jsi18n/ HTTP/1.1" 200 3187
[20/Apr/2021 16:42:25] "GET / HTTP/1.1" 200 4052
^C(base) harsh@harsh-550:~/Bookstore$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
April 20, 2021 - 16:42:44
Django version 3.1.2, using settings 'Bookstore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[20/Apr/2021 16:43:01] "GET /detail/1/ HTTP/1.1" 200 3163
```

conda3:virtualenv] ⚡ 0 △ 0

Ln 5, Col 52 Spaces:4 UTF-8 LF Python ⌂ ⌂

```
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[20/Apr/2021 16:45:41] "GET /myorder/ HTTP/1.1" 200 6005
[20/Apr/2021 16:45:53] "GET /logout/ HTTP/1.1" 200 2988
^C(base) harsh@harsh-550:~/Bookstore$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
April 20, 2021 - 16:46:09
Django version 3.1.2, using settings 'Bookstore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[20/Apr/2021 16:46:13] "GET /login/ HTTP/1.1" 200 3587
```

conda3:virtualenv] ⚡ 0 △ 0

Ln 5, Col 52 Spaces:4 UTF-8 LF Python ⌂ ⌂

Logout, Order list, Password reset and Payment

```
[20/Apr/2021 16:45:14] "GET /admin/Cart/order/95/change/ HTTP/1.1" 200 12973
[20/Apr/2021 16:45:14] "GET /admin/jsi18n/ HTTP/1.1" 200 3187
[20/Apr/2021 16:45:31] "GET / HTTP/1.1" 200 4052
^C(base) harsh@harsh-550:~/Bookstore$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...
System check identified no issues (0 silenced).
April 20, 2021 - 16:45:37
Django version 3.1.2, using settings 'Bookstore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[20/Apr/2021 16:45:41] "GET /myorder/ HTTP/1.1" 200 6005
[20/Apr/2021 16:45:53] "GET /logout/ HTTP/1.1" 200 2988
```

ndash3:virtualenv) ⑧ 0 △ 0

Ln 5, Col 52 Spaces: 4 UTF-8 LF Python ⚡ 🐍

```
[20/Apr/2021 16:45:12] "GET /admin/jsi18n/ HTTP/1.1" 200 3187
[20/Apr/2021 16:45:14] "GET /admin/Cart/order/95/change/ HTTP/1.1" 200 12973
[20/Apr/2021 16:45:14] "GET /admin/jsi18n/ HTTP/1.1" 200 3187
[20/Apr/2021 16:45:31] "GET / HTTP/1.1" 200 4052
^C(base) harsh@harsh-550:~/Bookstore$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...
System check identified no issues (0 silenced).
April 20, 2021 - 16:45:37
Django version 3.1.2, using settings 'Bookstore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[20/Apr/2021 16:45:41] "GET /myorder/ HTTP/1.1" 200 6005
```

ndash3:virtualenv) ⑧ 0 △ 0

Ln 5, Col 52 Spaces: 4 UTF-8 LF Python ⚡ 🐍

```
Quit the server with CONTROL-C.
[20/Apr/2021 16:46:13] "GET /login/ HTTP/1.1" 200 3587
^C(base) harsh@harsh-550:~/Bookstore$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...
System check identified no issues (0 silenced).
April 20, 2021 - 16:46:22
Django version 3.1.2, using settings 'Bookstore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[20/Apr/2021 16:46:25] "GET /register/ HTTP/1.1" 200 3913
[20/Apr/2021 16:46:31] "GET /login/ HTTP/1.1" 200 3587
[20/Apr/2021 16:46:34] "GET /password-reset/ HTTP/1.1" 200 3170
```

ndash3:virtualenv) ⑧ 0 △ 0

Ln 5, Col 52 Spaces: 4 UTF-8 LF Python ⚡ 🐍

```
[20/Apr/2021 16:43:27] "GET /cart/ HTTP/1.1" 200 4136
^C(base) harsh@harsh-550:~/Bookstores$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...
System check identified no issues (0 silenced).
April 20, 2021 - 16:43:37
Django version 3.1.2, using settings 'Bookstore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
<QuerySet [
```

ndash3:virtualenv) ⑧ 0 △ 0

Ln 5, Col 52 Spaces: 4 UTF-8 LF Python ⚡ 🐍

Payment , User Registration, Remove Cart, Search

```
^C(base) harsh@harsh-550:~/Bookstore$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...
System check identified no issues (0 silenced).
April 20, 2021 - 16:43:37
Django version 3.1.2, using settings 'Bookstore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
<querySet [BookOrder: BookOrder object (28)], <BookOrder: BookOrder object (29)]>>
http://127.0.0.1:8000/handlerequest/
order H1FHP3jBcKmmI
[20/Apr/2021 16:43:43] "POST /payment/ HTTP/1.1" 200 4019
[20/Apr/2021 16:44:19] "POST /handlerequest/ HTTP/1.1" 200 3096
```

conda3:virtualenv

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```
Django version 3.1.2, using settings 'Bookstore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[20/Apr/2021 16:46:13] "GET /login/ HTTP/1.1" 200 3587
^C(base) harsh@harsh-550:~/Bookstores$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...
System check identified no issues (0 silenced).
April 20, 2021 - 16:46:22
Django version 3.1.2, using settings 'Bookstore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[20/Apr/2021 16:46:25] "GET /register/ HTTP/1.1" 200 3913
```

conda3:virtualenv

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```
_____
Quit the server with CONTROL-C.
[20/Apr/2021 16:46:55] "GET /search/?q=django HTTP/1.1" 200 3446
[20/Apr/2021 16:47:07] "GET /detail/1/ HTTP/1.1" 200 3100
[20/Apr/2021 16:47:10] "GET / HTTP/1.1" 200 3989
[20/Apr/2021 16:57:07] "GET / HTTP/1.1" 200 3989
[20/Apr/2021 16:57:10] "GET /login/ HTTP/1.1" 200 3587
[20/Apr/2021 16:57:12] "POST /Login/ HTTP/1.1" 302 0
[20/Apr/2021 16:57:12] "GET / HTTP/1.1" 200 4052
[20/Apr/2021 16:57:16] "GET /add/1 HTTP/1.1" 302 0
[20/Apr/2021 16:57:16] "GET /cart/ HTTP/1.1" 200 4136
[20/Apr/2021 16:57:19] "GET /remove/1 HTTP/1.1" 302 0
[20/Apr/2021 16:57:19] "GET /cart/ HTTP/1.1" 200 4136
[20/Apr/2021 16:57:21] "GET /remove/3 HTTP/1.1" 302 0
[20/Apr/2021 16:57:21] "GET /cart/ HTTP/1.1" 200 4136
```

conda3:virtualenv

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```
_____
[20/Apr/2021 16:46:31] "GET /login/ HTTP/1.1" 200 3587
[20/Apr/2021 16:46:34] "GET /password-reset/ HTTP/1.1" 200 3170
^C(base) harsh@harsh-550:~/Bookstore$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...
System check identified no issues (0 silenced).
April 20, 2021 - 16:46:53
Django version 3.1.2, using settings 'Bookstore.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[20/Apr/2021 16:46:55] "GET /search/?q=django HTTP/1.1" 200 3446
[20/Apr/2021 16:47:07] "GET /detail/1/ HTTP/1.1" 200 3100
[20/Apr/2021 16:47:10] "GET / HTTP/1.1" 200 3989
```

conda3:virtualenv

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