Parts of a Django App

Building an E-commerce pt. 2

Parts of a Django App

- Models

- Urls

- Views

Models

- The shape of the data that you are going to save on the database.

E-commerce Models

Products App

- Product

    - ID

    - Description

    - Price

    - Photo

- Review

    - ID

    - Who left it?

    - Review text

    - Star Number

    - To which product is it for?

Users App

- User

  - ID

  - Email

  - Full name

  - C.C Info

  - Shipping Address

Cart App

- Cart

  - List of products added to the cart

  - Who created it?

  - Applied Coupon

- Coupon

  - Valid from

  - Valid only

  - # of times it has been used

Payment App

- Payment

    - Is it completed?

    - Transaction number

    - Which Cart was it?

    - How much did we make?

Urls

- Tell Django to do stuff! (A.K.A Execute a View)

- Is the protocol you use to make the app do something.

- HTTP Request

- The URLS of your project are a combination of all your app URLs

Some E-commerce URLS

- See the homepage:

  - http://nomadstore.com/

- Log in:

  - http://nomadstore.com/login

- See a category:

  - http://nomadstore.com/categories/pillows

Views

- Tell Django what to do

- Triggered by a URL call

- Is just a python function (def login())

Some E-commerce Views

- See the homepage:

  - http://nomadstore.com/ -> def showHomePage()

- Log in:

  - http://nomadstore.com/login -> def checkUser()

- See a category:

  - http://nomadstore.com/categories/pillows -> …

```
def showHomePage()
```

1. Hey Django!

2. Get the latest 25 products

3. Get 10 products in sale

4. Get the names of the categories

5. Put 2, 3 and 4 together inside of an object

6. Send them back to the user

You

Browser

URLS

Views

Models

(orm)

DB (Postgres)