

Python Quick Basic

Hello Python

- Dynamically-typed language
- `def`
- 4 spaces indent
- `if __name__ == '__main__':`

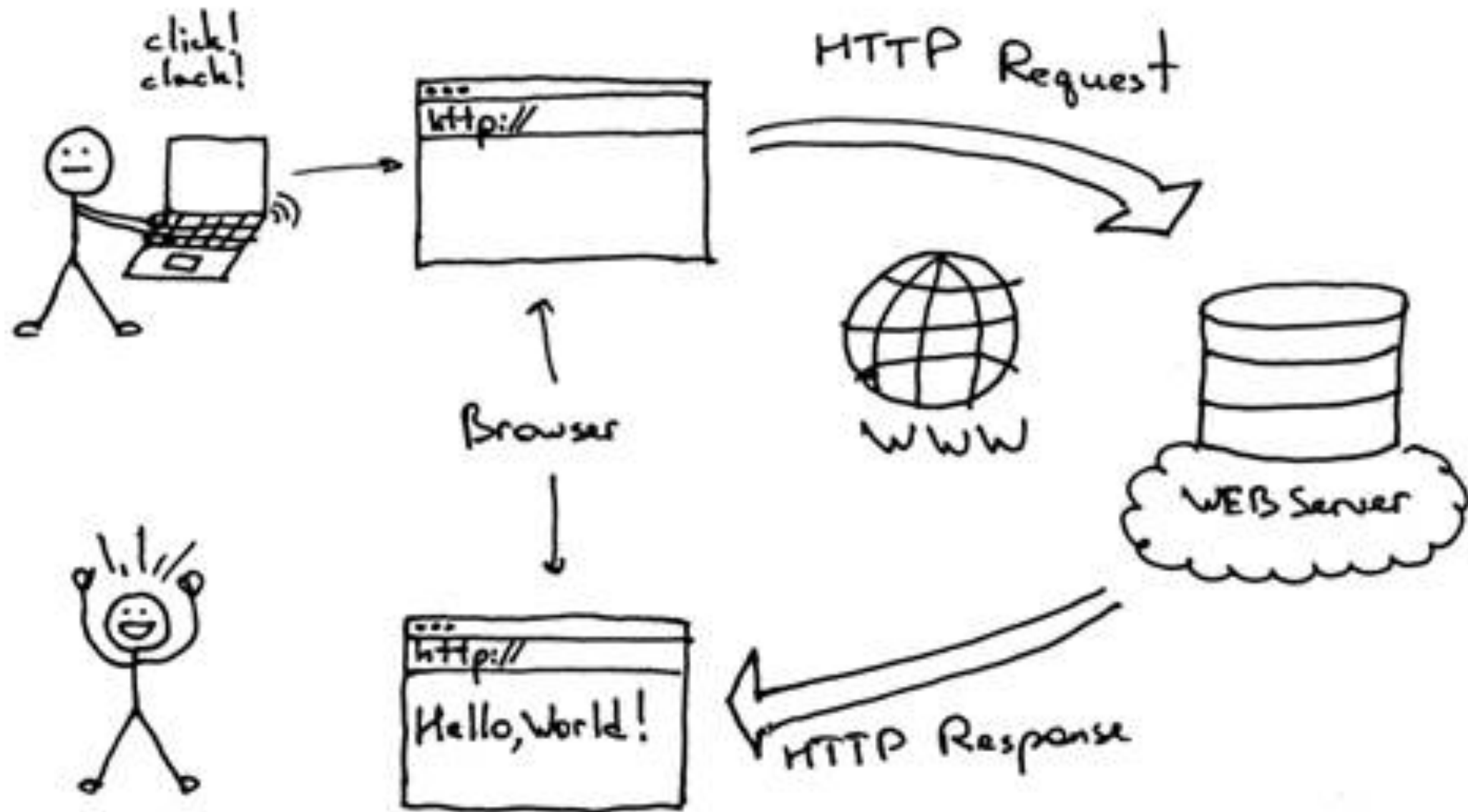
Data Types

- string
- int, float
- bool
- list
- tuple
- dict
- instance

Django

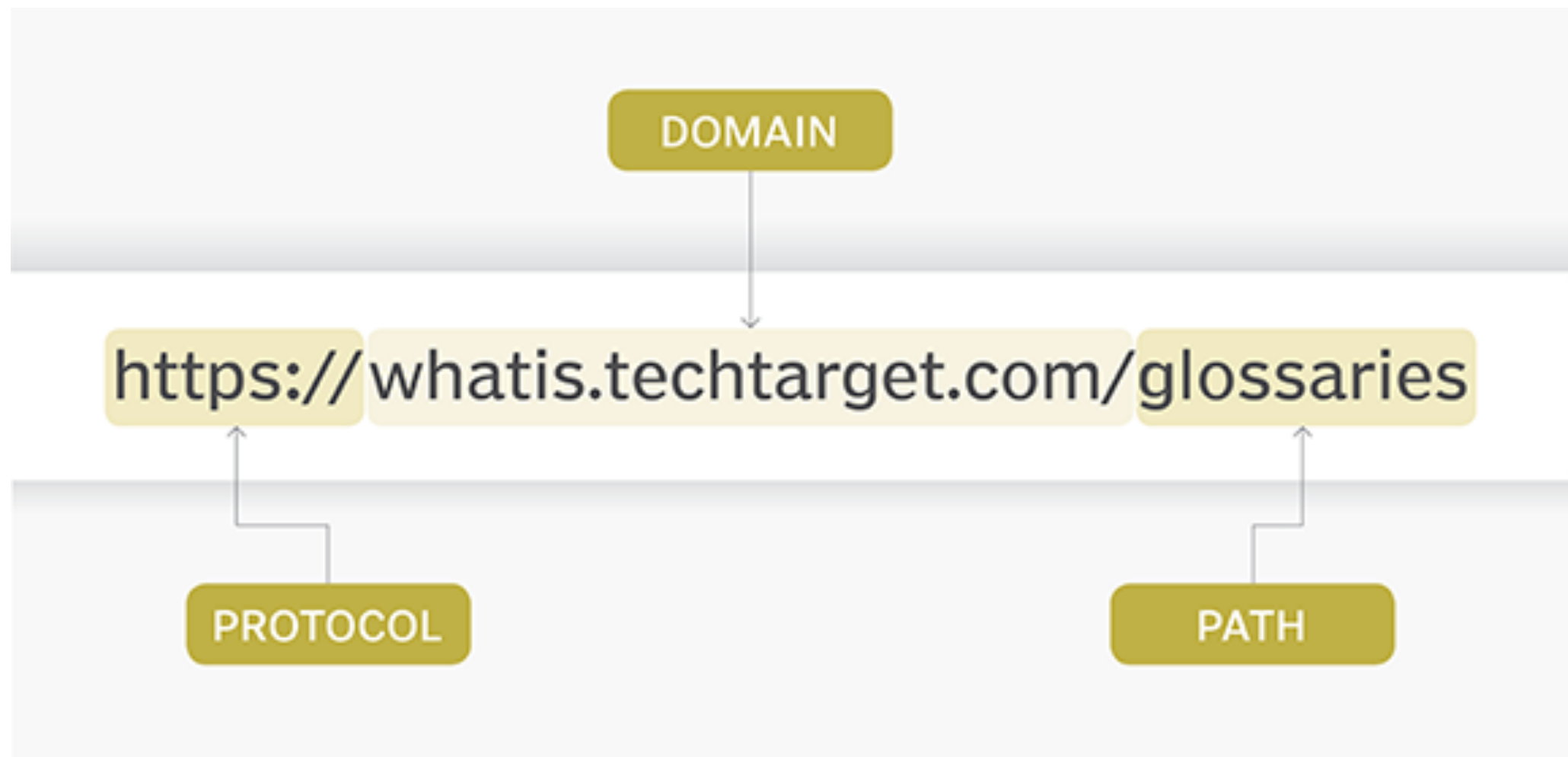
Web Framework

Web



Request - Response

<https://blogs.sap.com/2016/02/08/odata-everything-that-you-need-to-know-part-1/>



URL

`https://searchnetworking.techtarget.com/definition/`
URL

Django

Django Built-in Functionality

Django Admin

- AuthN
 - Authentication
- AuthZ
 - Authorization

- What will user see?
 - What data?
 - how the data is presented.

Views and Templates

Homepage

Controller

Django and urls.py

views.py

urls.py

***.html**

Template Dir

Template Syntax

Home page

- home.html
- user.is_authenticated
-

Template

- {% extends %}
- {% load humanize %}
'django.contrib.humanize'
filter

- Next

- How do you want to save data?

Model

Post

MTV

- View
- Template
- Model
- Controller

M V C - M T V

Form

- `is_valid`
- `clean`
- `cleaned_data`
- `errors`

Built-in Auth

- <https://docs.djangoproject.com/en/2.2/topics/auth/default/#module-django.contrib.auth.views>
- `settings.LOGIN_REDIRECT_URL`

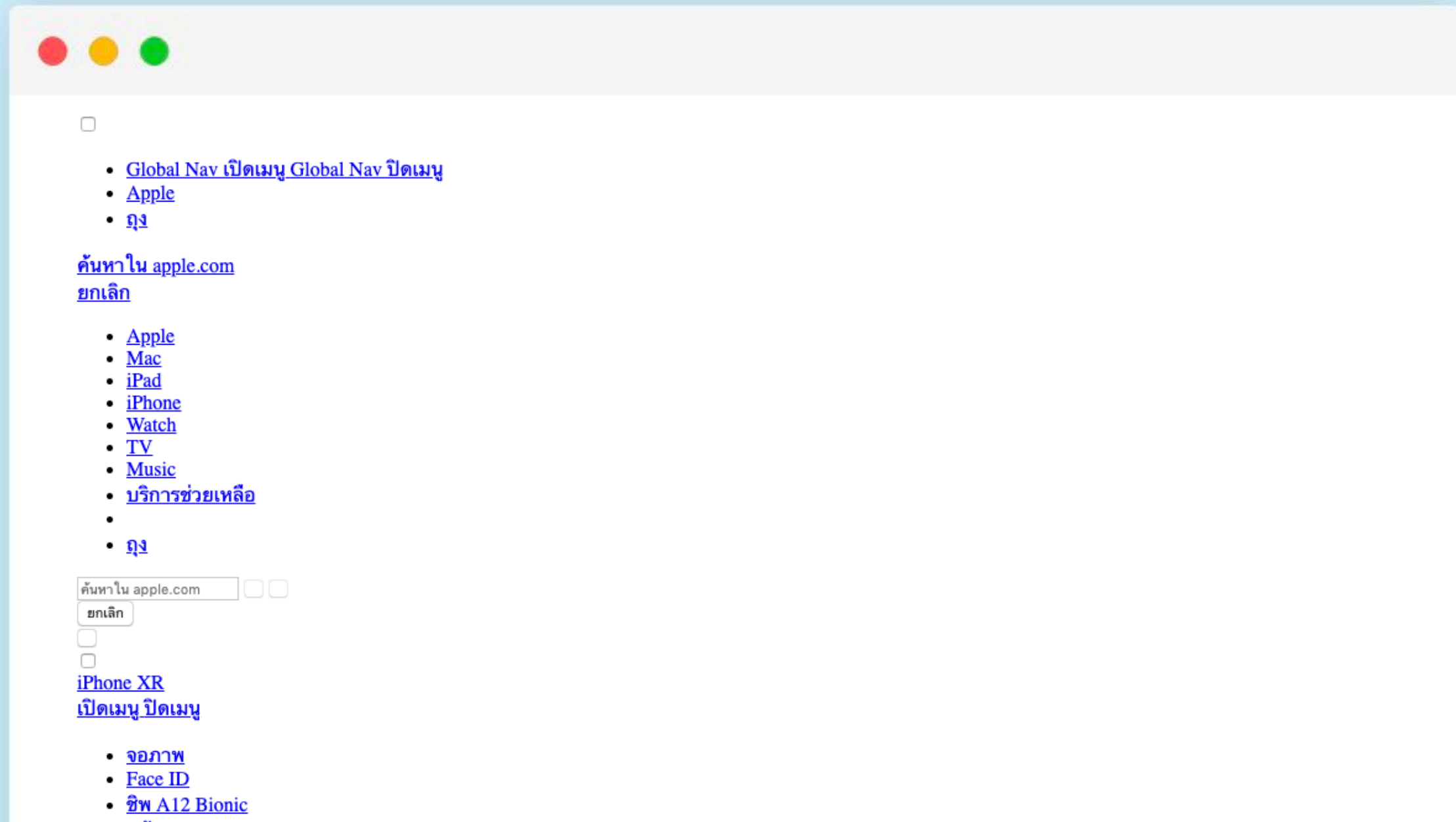
Home page

- `from django.http.response import HttpResponse`
- `Render`

Arguments / Parameters

- Mandatory and optional
- `*args`
- `**kwargs`

Plain text Response



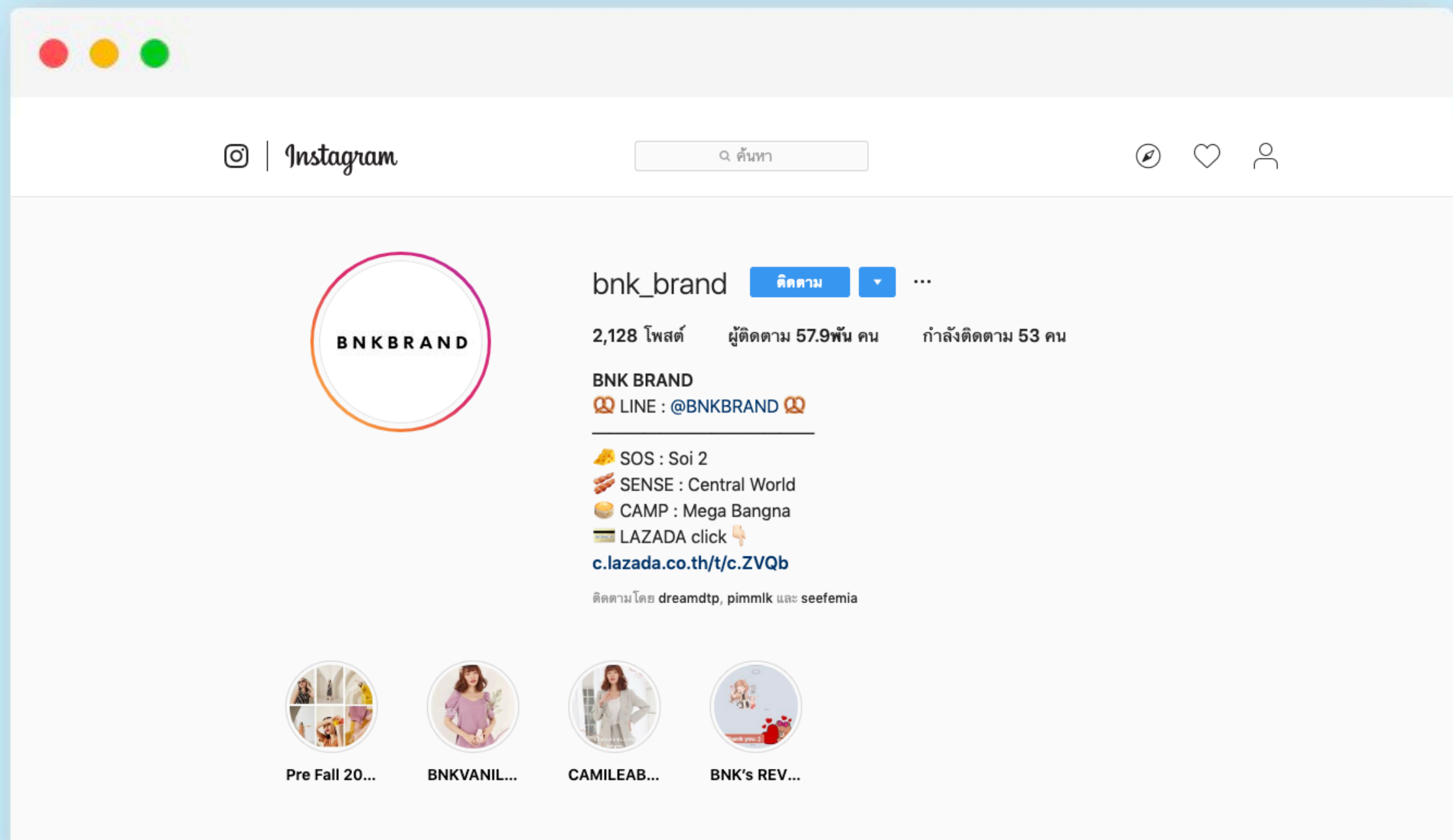
Static serving



<https://bit.ly/2L3uU87>

Download css

Profile



User in Django

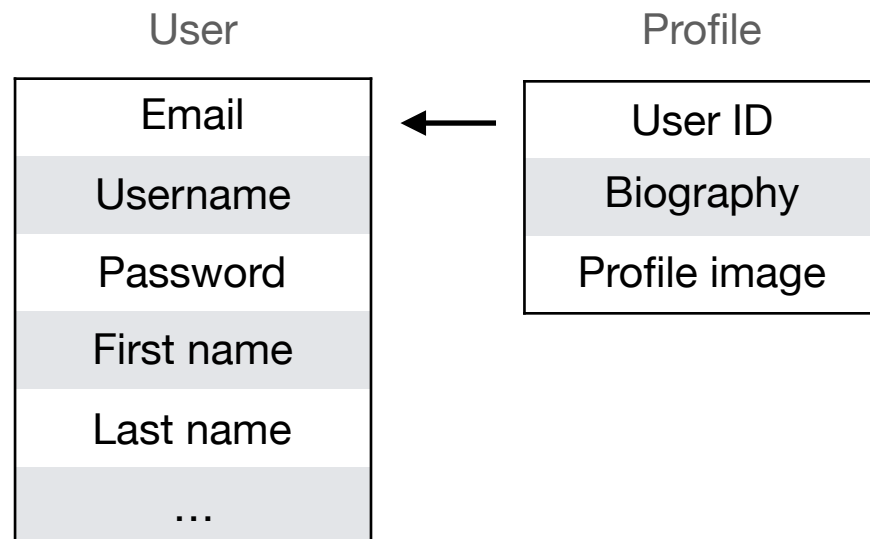


User

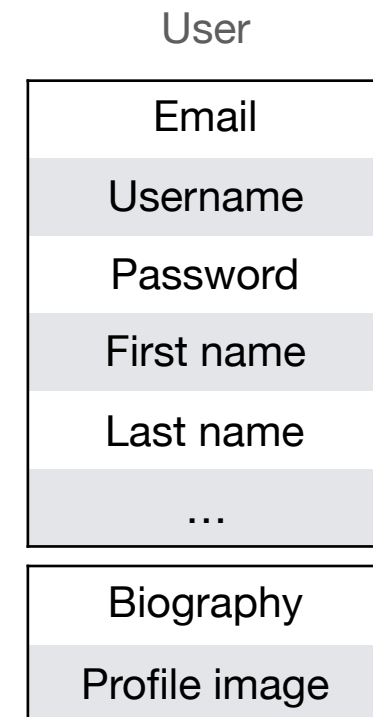
Email
Username
Password
First name
Last name
...

Default User Model

`django.contrib.auth.models`



One-To-One



AbstractUser