An introduction to Django

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What is Django?

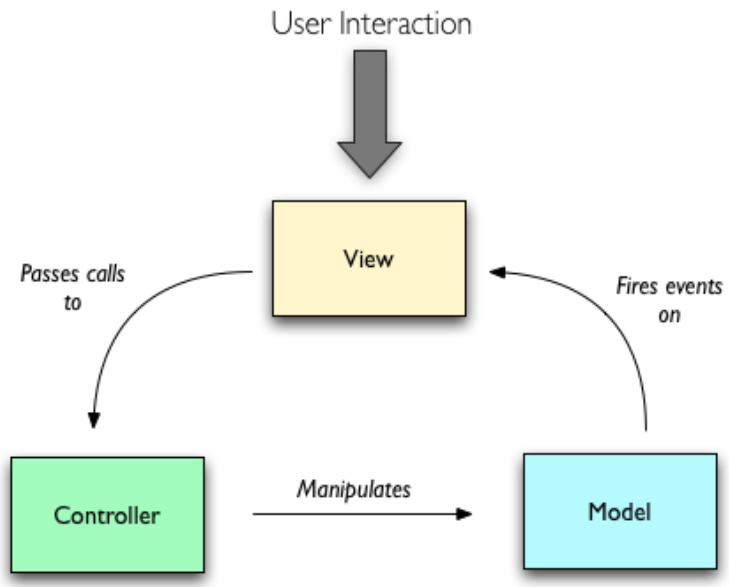
- Django is a high-level Python Web Framework that encourages rapid development and clean, pragmatic design.
- Django makes it easier to build better web applications more quickly and with less code.
- Django is a "web framework for perfectionists with deadline."

Summary

1. What is Django?
2. Django Components - M.V.C.
3. Project/Site Creation- Part I
4. Project/Site Creation- Part II
5. Who uses Django?

Django Components - M.V.C.

- Model - is the data.
- View - is how the user sees the data
- Controller - handles the user's requests, such as creating a new item, and returns a view to display the result.



Project/Site Creation- Part I

- Creating new Project:
  .django-admin.py startproject demoproject
- Creating new Application:
  python manage.py startapp demoapp
- Using the built-in web server:
  python manage.py runserver
- Creating a superuser:
  python manage.py createsuperuser

Project/Site Creation- Part II

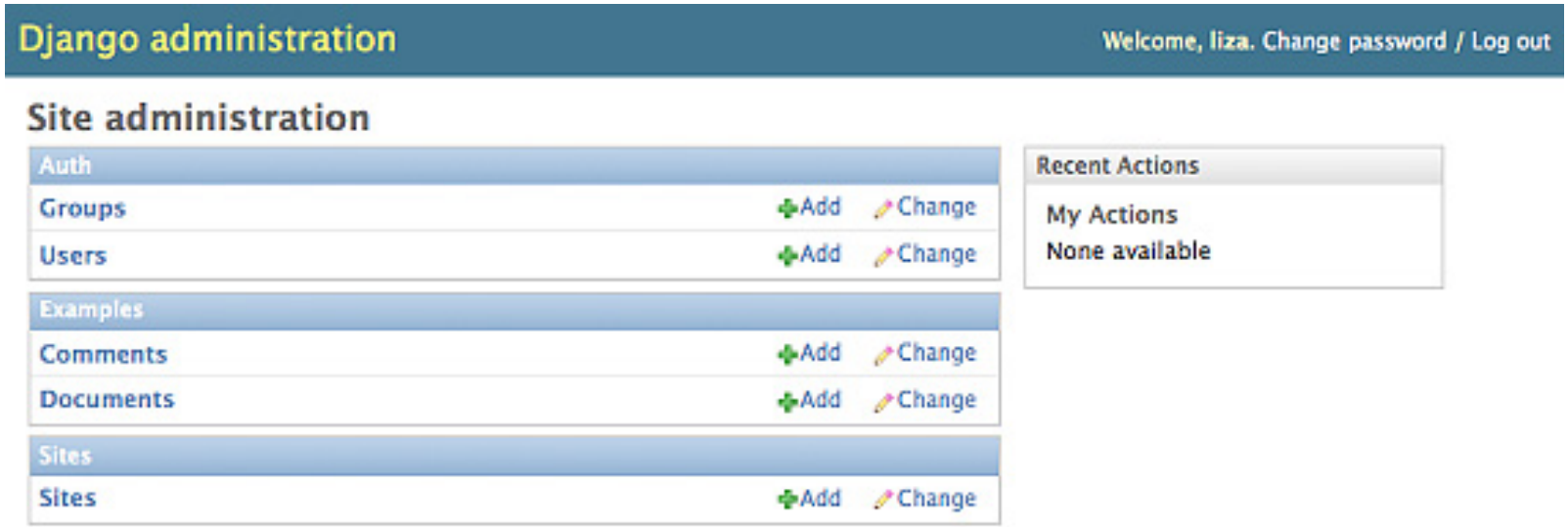
- Creating Models:

  from django.db import models
- Activating Models:

  python manage.py syncdb
- URLs configuration:

  from django.conf.urls.defaults import
- Creating Views:

  from django.http import HttpResponse



Who uses Django?

In conclusion Django is a powerful framework, widely spread in the web development world.

- Instagram
- Mozilla
- NASA
- National Geographic, Discovery Channel
- The Washington Post, NY Times, The Guardian
- BitBucket
- PBS (Public Broadcasting Service)

Thank you!