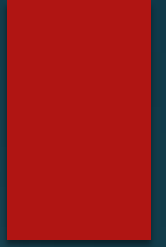




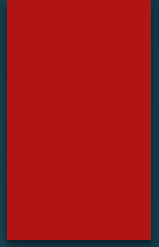
Web Apps w/ Django

ANDREW AND SKYLAR

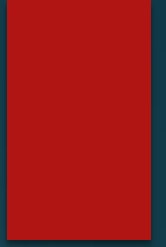
What are web apps



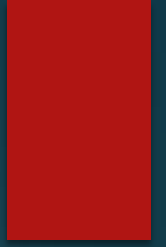
Examples



HTML and CSS



Bootstrap



Creating a Django project



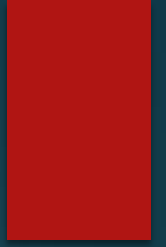
Running your Django project



Structure

- ▶ [YOUR-ANDREW-ID]/hw7/
 - | -- **README.md**
 - | -- **config.ini.sample**
 - | -- webapps/
 - | -- **settings.py**
 - | -- **urls.py**
 - | -- socialnetwork/
 - | -- static/
 - | -- templates/
 - | -- **forms.py**
 - | -- **models.py**
 - | -- **views.py**
 - | -- **manage.py**

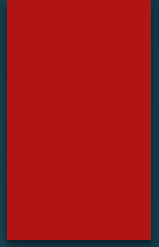
Model View Controller



GET vs POST requests

- ▶ POST request
 - ▶ Send information to the server (when you login or register)
- ▶ GET request
 - ▶ Request data from server (after you login!)

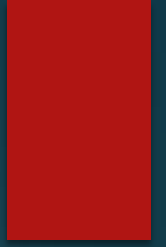
URL Routes



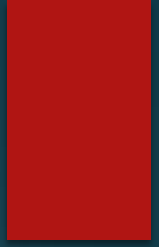
Django Templating Language



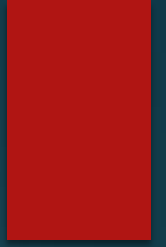
Forms



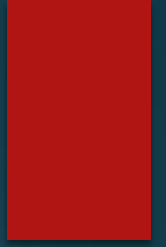
Registration & Login



Databases



Cloud Deployment



Social Media Project

▶ link

Conclusion

- ▶ If you're interested in Web Apps, consider taking 17-437: Web Application Development

Resources

- ▶ Cloud Deployment: <https://devcenter.heroku.com/articles/getting-started-with-python>