

## Django from Scratch

djangofromscratch/settings.py

We need to add our application in the settings ->

```
INSTALLED_APPS = [  
    'lessons.apps.LessonsConfig',  
    'django.contrib.admin',  
    'django.contrib.auth',  
    'django.contrib.contenttypes',  
    'django.contrib.sessions',  
    'django.contrib.messages',  
    'django.contrib.staticfiles',  
]
```

And also, we need to add the paths of ours media and static files ->

```
STATIC_ROOT = os.path.join(BASE_DIR, 'staticfiles')  
  
STATICFILES_DIRS = [os.path.join(BASE_DIR, 'static'),]  
  
STATIC_URL = '/static/'  
  
MEDIA_ROOT = os.path.join(BASE_DIR, 'media')  
  
MEDIA_URL = '/media/'
```

djangofromscratch/urls.py

This scrip manages the webservice urls. For this webservice we're going to have this urls:

- admin/ -> webservice superuser manager;
- lessons/ -> page for the logged in user access all of this lessons;
- registration/ -> page to register a user;
- login/ -> page to log in a user;
- logout/ -> page to lot out a user;
- / -> home page.

The url script takes 2 arguments -> the url name; the view, that basic is what this url is going to show

We have to add the media files to the urlpatterns

And we also need to identify the urls, by adding: name='url\_name'

So, for add those urls, write this script:

```
from django.conf.urls import url, include
from django.contrib import admin
from django.conf import settings
from lessons.views import UserFormView, index, LogUser,
logout_user
from django.conf.urls.static import static

urlpatterns = [
    url(r'^admin/', admin.site.urls),
    url(r'^lessons/', include('lessons.urls')),
    url(r'^registration/$', UserFormView.as_view(),
name='registration'),
    url(r'^login/$', LogUser.as_view(), name='login'),
    url(r'^logout/$', logout_user, name='logout'),
    url(r'^$', index, name='index')
] + static(settings.MEDIA_URL,
document_root=settings.MEDIA_ROOT)
```