REST APPLICATION

The scope of this project was to develope a backend function for REST application using:

- Python
- Django
- Django REST Framework
- Mysql Connector

Server implements HTTP methods:

GET (/movies): returns list of all movies

POST (/movies): creates new movie based on data from form and insert data into the database

GET (/movies/{id}): returns information about movie with the given id

PUT (/movies/{id}): changes data about movie with the given id

DELETE(/movies/{id}): deletes movie with the given id

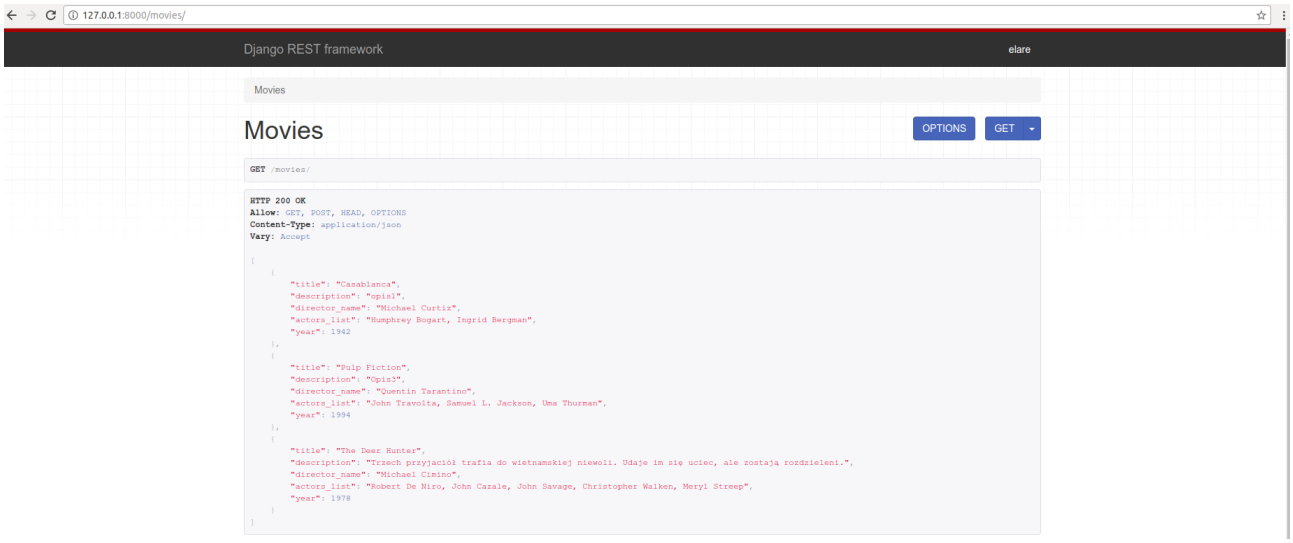
After you run server in console (python manage.py runserver) you can use application:

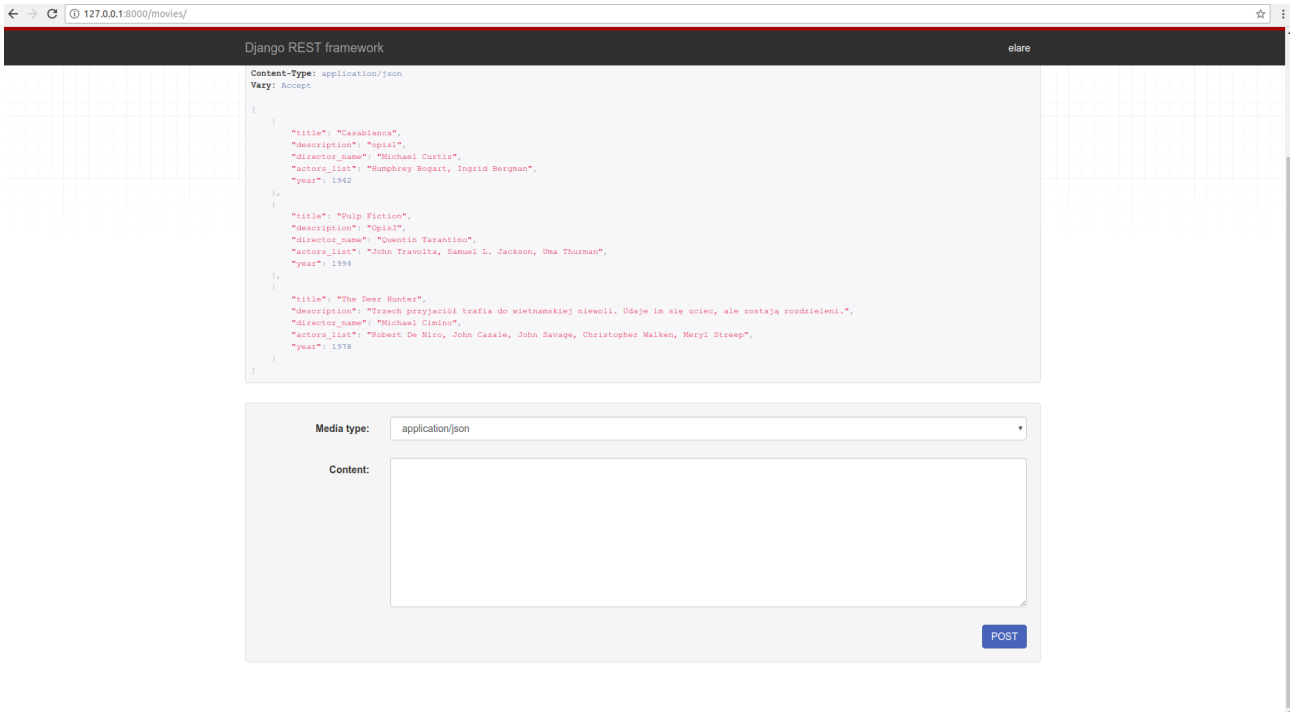
1) REST Application (http://127.0.0.1:8000/movies/)

2) Django administration (http://127.0.0.1:8000/admin/)

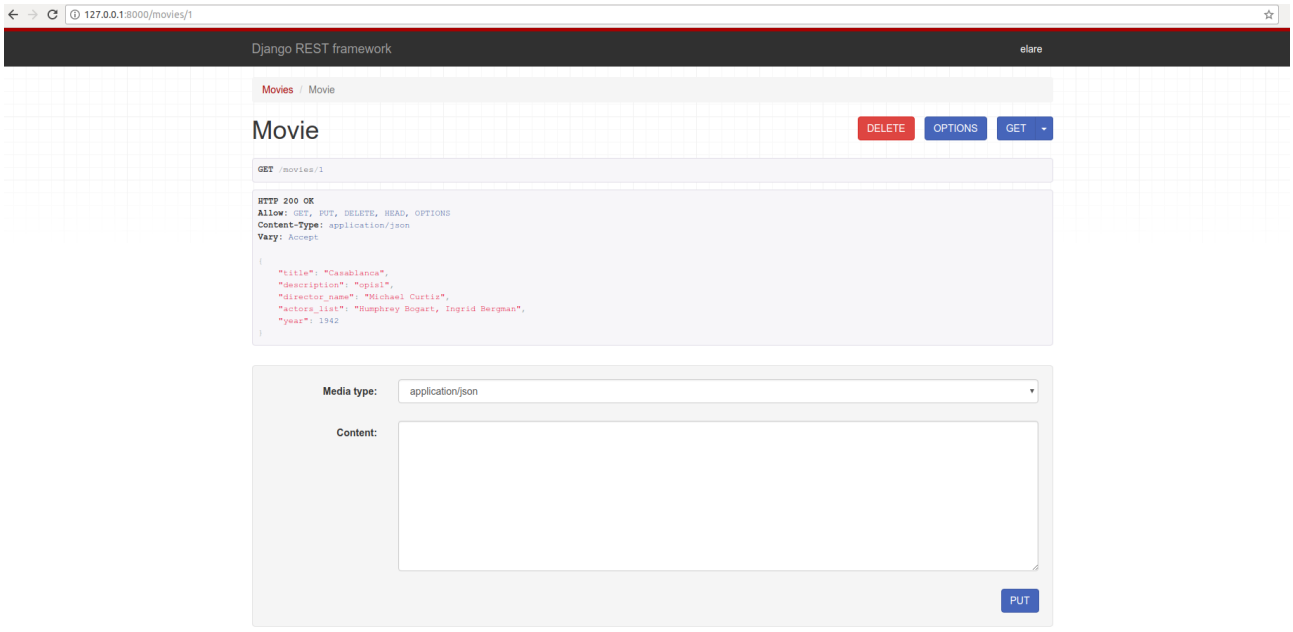
REST Application

Movies view contains GET and POST methods:



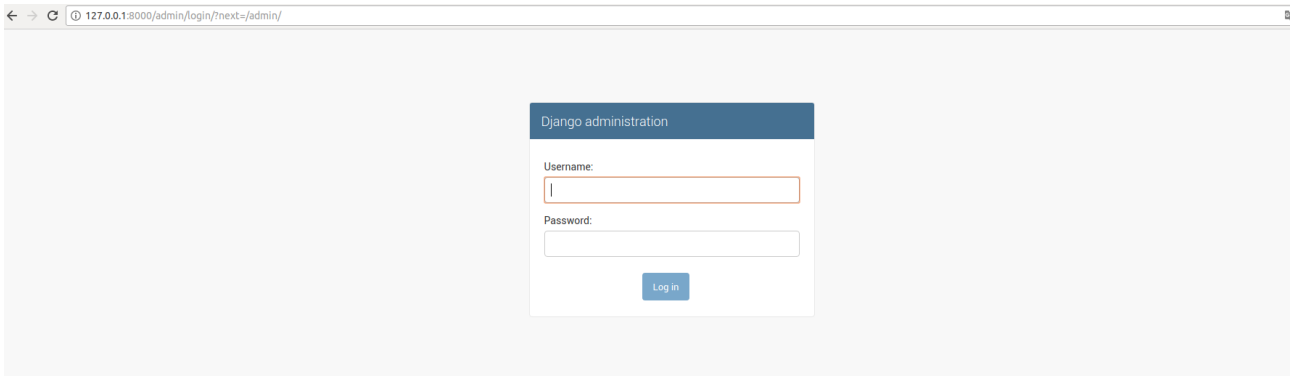


Movie view (with the given id) contains GET, PUT and DELETE methods:

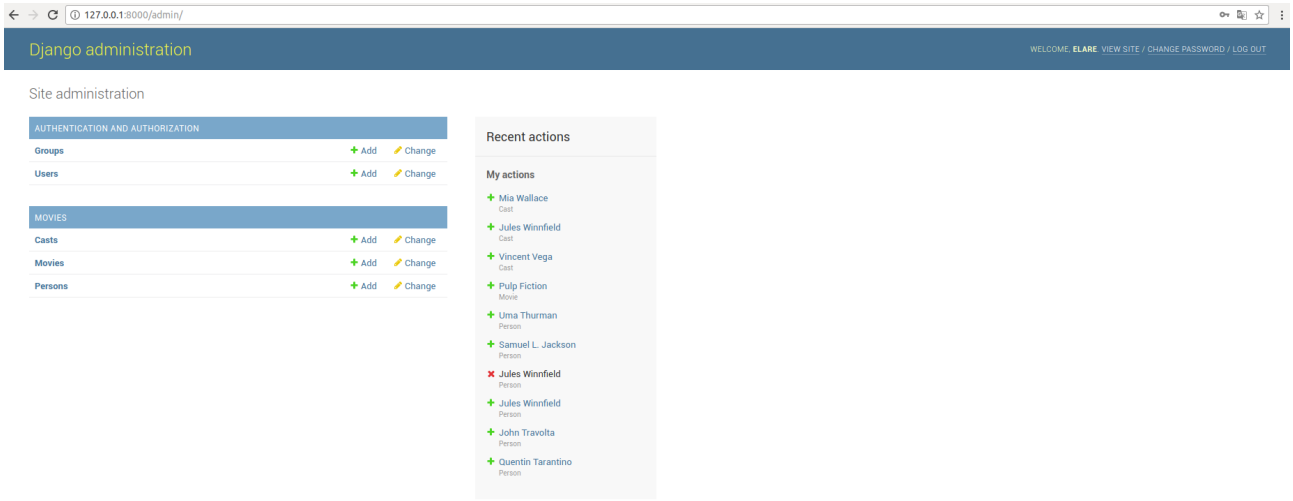


Django Administration

Login to Django administration:



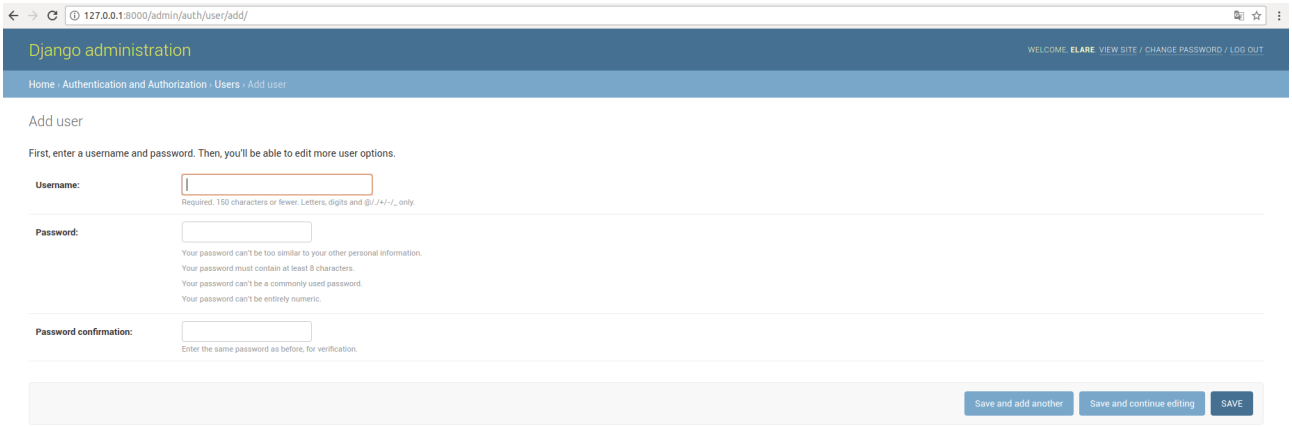
View after login:

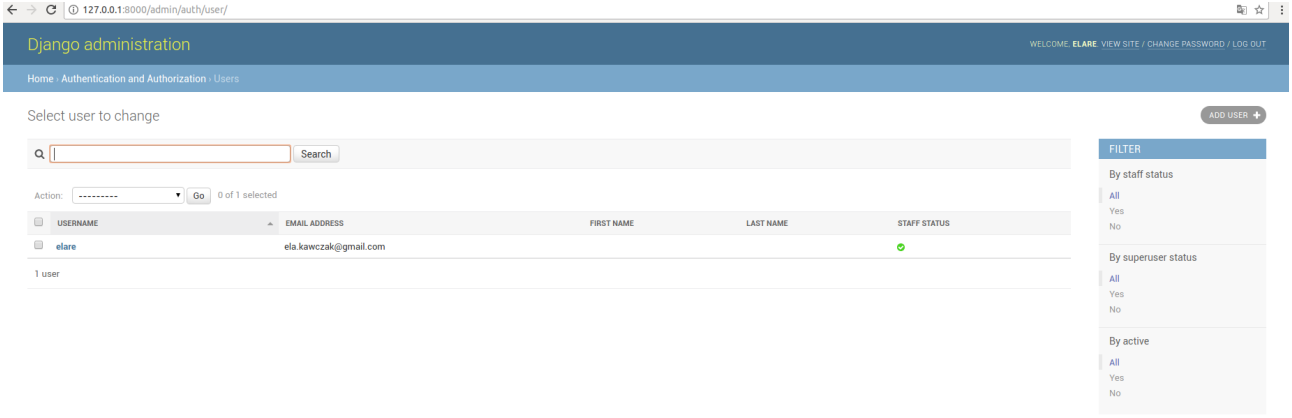


FUNCTIONALITIES OF DJANGO ADMINISTRATION

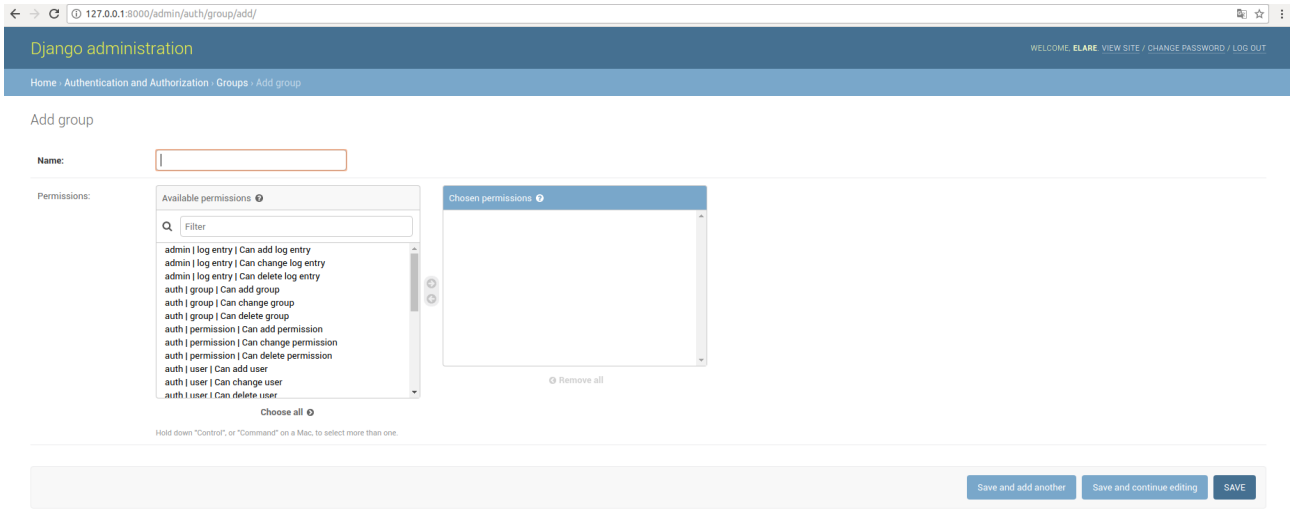
I. Authentication and authorization

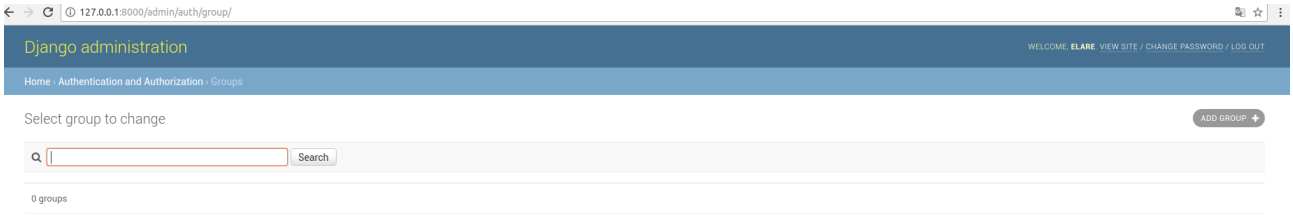
1. Add / change user





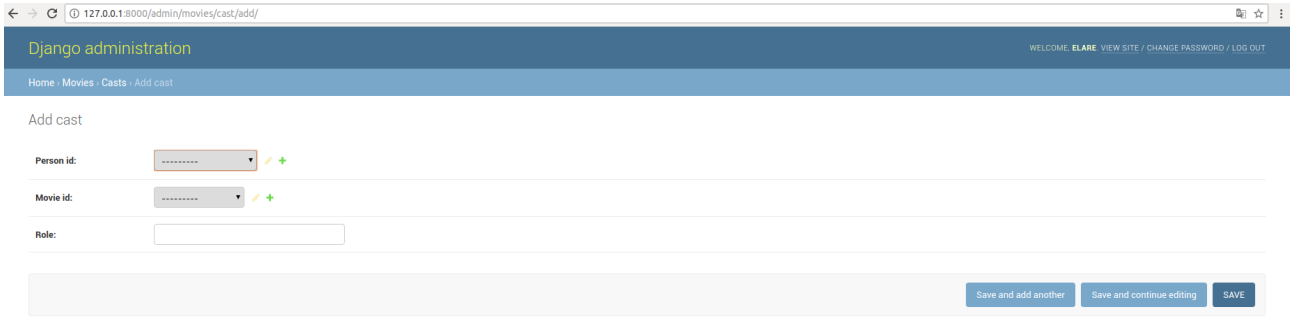
2. Add / change group

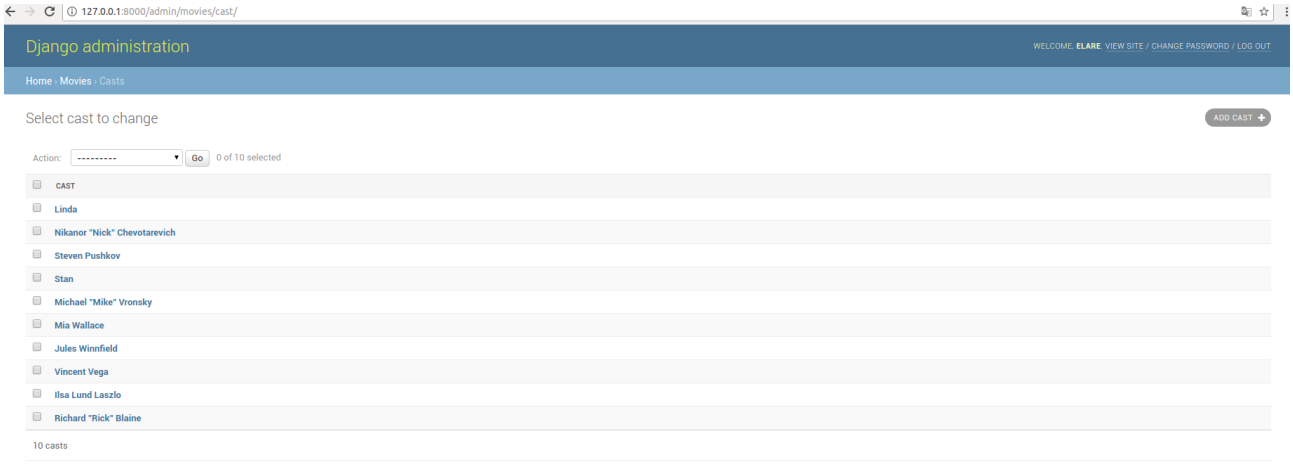




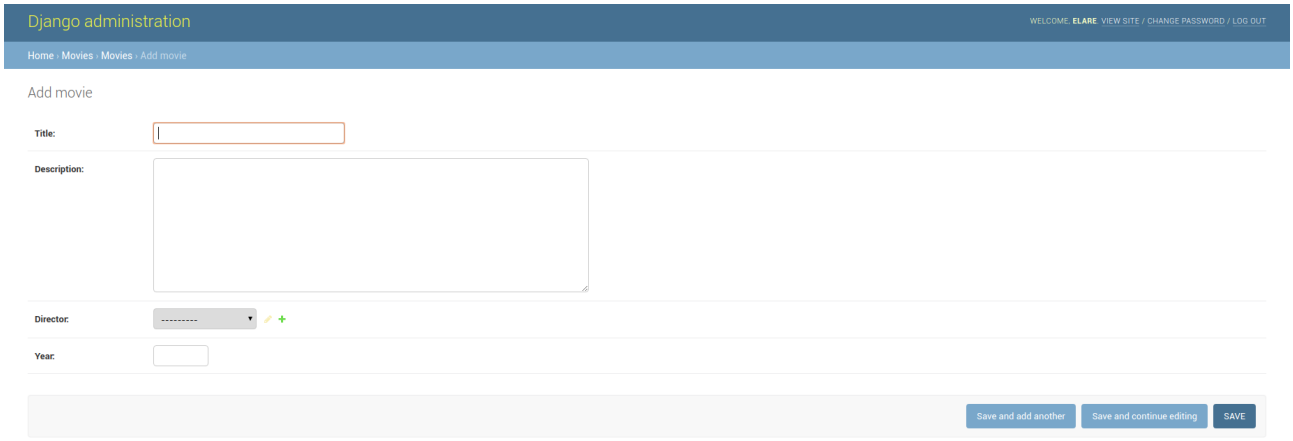
II. Movies

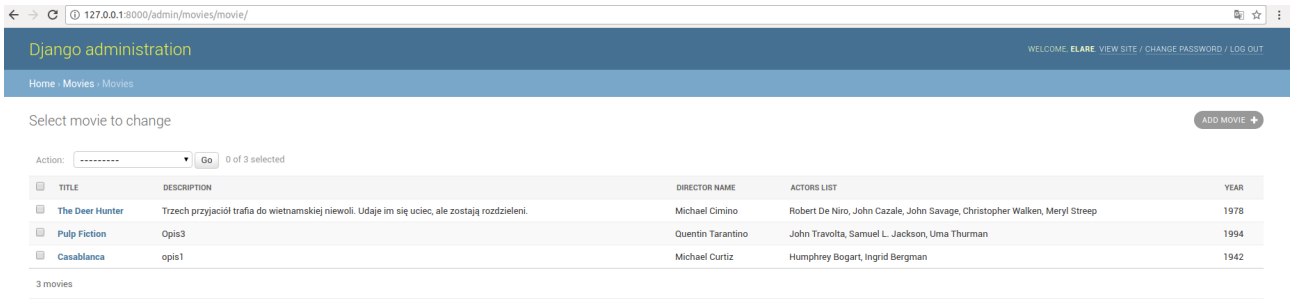
1. Add / change Cast





2. Add / change Movies





3. Add / change Persons