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CERTIFICAT DE FIN DE FORMATION

React & Django Full Stack: web app, backend API, mobile apps

Formateurs **Krystian Czekalski**

Arthur Schamroth

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Longueur **19 heures au total**

```
1 from django.db import models
2 from django.contrib.auth.models import User
3 from django.core.validators import MaxValueValidator, MinValueValidator
4
5
6 class Movie(models.Model):
7     title = models.CharField(max_length=32)
8     description = models.TextField(max_length=360)
9
10
11     def no_of_ratings(self):
12         ratings = Rating.objects.filter(movie=self)
13         return len(ratings)
14
15     def avg_ratings(self):
16         sum = 0
17         ratings = Rating.objects.filter(movie=self)
18         for rating in ratings:
19             sum += rating.stars
20         if len(ratings) > 0:
21             return sum / len(ratings)
22         else:
23             return 0
24
25 class Rating(models.Model):
26     movie = models.ForeignKey(Movie, on_delete=models.CASCADE)
27     user = models.ForeignKey(User, on_delete=models.CASCADE)
28     stars = models.IntegerField(validators=[MinValueValidator(1), MaxValueValidator(5)])
29
30 class Meta:
31     unique_together = (('user', 'movie'),)
32     index_together = (('user', 'movie'),)
```

