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Django for Everybody - Single Table Models

https://www.dj4e.com/lectures/DJ-02-Model-Single.txt

You can check out the Django code for this project at:

https://github.com/csev/dj4e-samples

Start the command line in a Linux/Bash shell and go into your project folder.
Activate a virtual environment if needed.

cd dj4e-samples
git pull                          # incase there are updates
pip3 install -r requirements.txt  # to make sure that all the utilities are there

python3 manage.py check           # Make sure things are set up
python3 manage.py makemigrations  # Probably won't find any changes
rm db.sqlite3                     # In case you have done this before
python3 manage.py migrate         # Create the database and table(s)

Start the django shell:

python3 manage.py shell

(In the shell at the prompt)

from users.models import User

u = User(name='Kristen', email='kf@umich.edu')
u.save()
u = User(name='Chuck', email='csev@umich.edu')
u.save()
u = User(name='Colleen', email='cvl@umich.edu')
u.save()
u = User(name='Ted', email='ted@umich.edu')
u.save()
u = User(name='Sally', email='a2@umich.edu')
u.save()

User.objects.values()
User.objects.filter(email='csev@umich.edu').values()

User.objects.filter(email='ted@umich.edu').delete()
User.objects.values()

User.objects.filter(email='csev@umich.edu').update(name='Charles')
User.objects.values()

User.objects.values().order_by('email')
User.objects.values().order_by('-name')

quit()
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