

# Workshop: Petstagram

## 1. Part II – The Pet Models and Views

### Creating the 'pets' app

For our **pet logic** we will have a **separate app**, so let us **create it first**

```
C:\Users\User\Desktop\python-web\Sept-2020\Private\workshop-part-1\petstagram>python manage.py startapp pets
```

Add the new app in the **INSTALLED\_APPS** in the **settings.py** file of the **project**

### Creating the Models

In the **models.py** file create the **Pet** model. Each **pet** should have:

- **type** – some of the following: "cat", "dog", "parrot"; max length = 6
- **name** – max length = 6
- **age** – positive number
- **description** – text field
- **image\_url** – URL field

Now in the **models.py** file create **Like** model. Each like should have:

- **pet** – foreign key to a **Pet**

Let us also **register** our models in the **admin.py** file in the app, so we can see it in the **django admin**

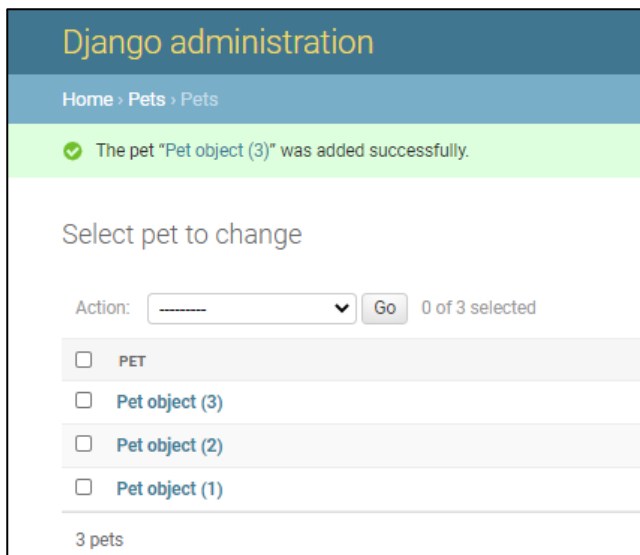
### Make Migrations

The next step is to **make migrations** to the database, since we created some **new models**

Let us also create a **superuser**, so we can **create some pets** using the **django admin**

### Create Pets

**Create some pets**, so we can **test our views** that we will create later

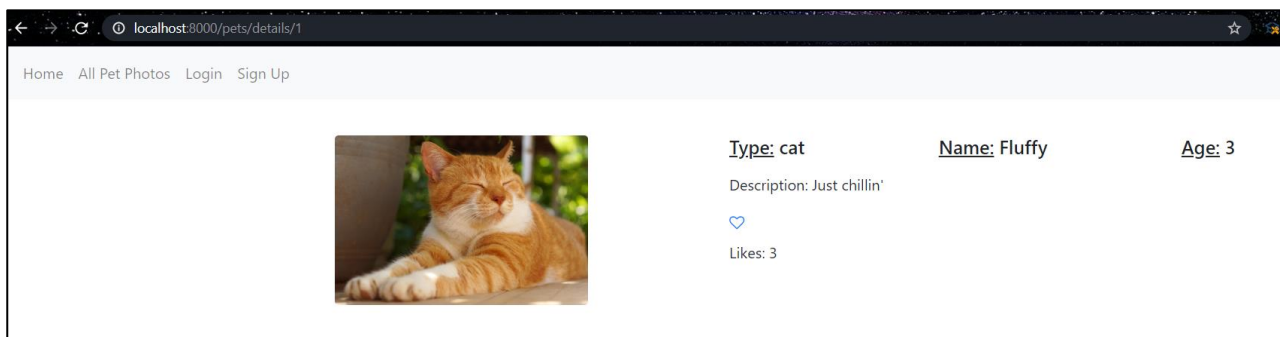
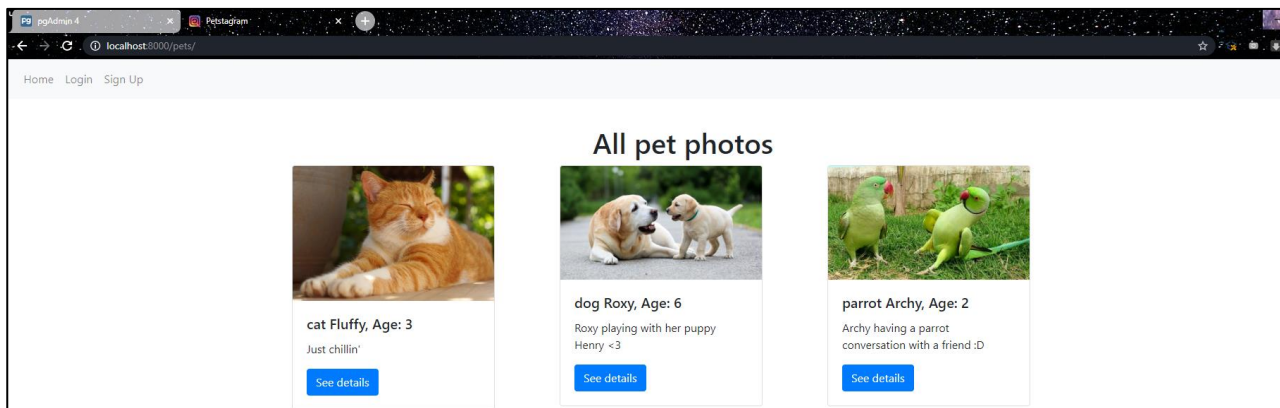


## Creating Some Views

Let us now start **creating** some of our **views**. We will create the **pet\_all** view and the **pet\_detail** view

- 'localhost:8000/pets/' – list all the pets (using the **pet\_all** view and a template 'pets/pet\_list.html')
- 'localhost:8000/pets/details/<int:pk>' – display the pet with the given **primary key** (using the **pet\_detail** view and a template 'pets/pet\_detail.html')
- 'localhost:8000/pets/like/<int:pk>' – write a view that will create a new like and redirect the user to the details page again

Use the provided **html files** and **add** the needed **logic** in them, so they work as expected



## Add Additional Links

In the navigation edit the '**Home**' link to lead to the **landing page** and add another **link** that leads to '**pet-list**'

