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### Exercise 2.5: Django MVT Revisited

#### Learning Goals

* Add images to the model and display them on the frontend of your application
* Create complex views with access to the model
* Display records with views and templates

#### Reflection Questions

1. In your own words, explain Django static files and how Django handles them.
   1. In Django, static files are images, JavaScript and CSS. They are managed by django.contrib.staticfiles in the INSTALLED\_APPS. The Python package Pillow allows you to work with images.
2. Look up the following two Django packages on Django’s official documentation and/or other trusted sources. Write a brief description of each.

|  |  |
| --- | --- |
| **Package** | **Description** |
| ListView | Comes from class django.views.generic.list.ListView. It is a generic class-based view, designed to display data. ListView is a page representing a list of objects. |
| DetailView | Comes from class django.views.generic.detail.DetailView. It is a generic class-based view, designed to display data. While DetailView is executing, **self.object** will contain the object that the view is operating upon. |

1. You’re now more than halfway through Achievement 2! Take a moment to reflect on your learning in the course so far. How is it going? What’s something you’re proud of so far? Is there something you’re struggling with? What do you need more practice with? You can use these notes to guide your next mentor call.
   1. I am proud of the amount of research and troubleshooting I am doing for this project. This lesson (and the specialization course in general) offers a lot of decisions to make about this project. Defining the perfect models is a lot of pressure because it is so hard to re-do them. It is challenging to hit all of the marks and make a beautifully designed website in a timely manner.

Sources:

<https://docs.djangoproject.com/en/5.1/howto/static-files/>

<https://docs.djangoproject.com/en/5.1/ref/class-based-views/generic-display/>