

Image Upload

Let's see how to upload avataar pic.

Profile Model

We need to add one more field for handling image uploading.

Profile Model -

```
class Profile(models.Model):
    # One to one relationship with User
    user = models.OneToOneField(MyUser, on_delete=models.CASCADE)
    # Custom fields
    age = models.PositiveIntegerField(blank=True, null=True)
    avataar = models.ImageField(default='default_user.png',
upload_to='profile_pics') # new
    # To create and save profile we will use 'signals'
    # check 'signals.py' and 'apps.py' for further reference

    def __str__(self):
        return f"{self.user.username}'s profile"
```

Installing Pillow

In order to validate images we need to install 'Pillow'

```
$ pipenv install Pillow
```

Update View

In order to handling images in views we need to pass files to the form

```
profile_form = ProfileUpdateForm(request.POST, request.FILES ,
instance=request.user.profile)
```

A lot of time applications have to send notifications to the user, it is so common that Django ships with a built-in messaging framework.

We implement the messages framework in our views.

Updating Forms

```
class ProfileUpdateForm(forms.ModelForm):  
    class Meta:  
        model = Profile  
        fields = ('age', 'avataar',)
```