**Admin Panel:**

The Django admin application can use your models to automatically build a site area that you can use to create, view, update, and delete records. This can save you a lot of time during development, making it very easy to test your models and get a feel for whether you have the right data.

Creating an admin panel in Django is quite straightforward and powerful due to Django's built-in admin interface.

**Steps to Create an Admin Panel in Django:**

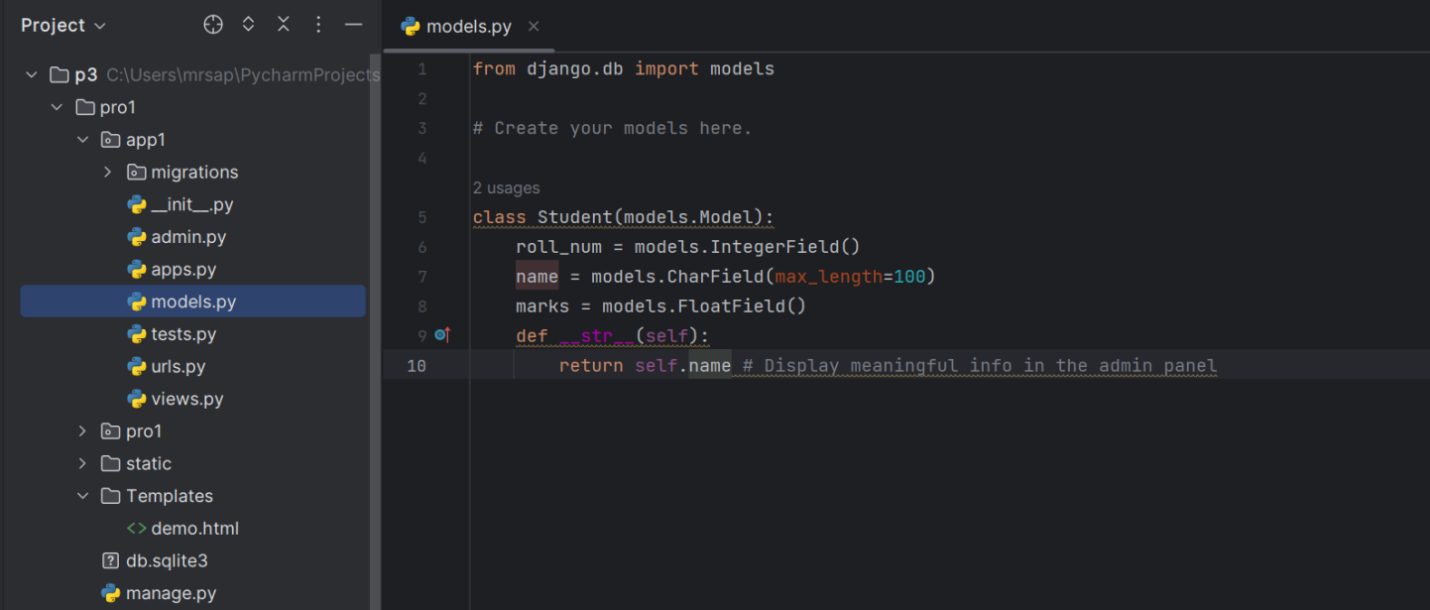
**Step 1:-** Create a Django App

If you haven't already, create a Django app using the command line:

**django-admin startapp yourappname**

**Step 2:-** Define Models

In your app's **models.py** file, define the models you want to manage via the admin panel:



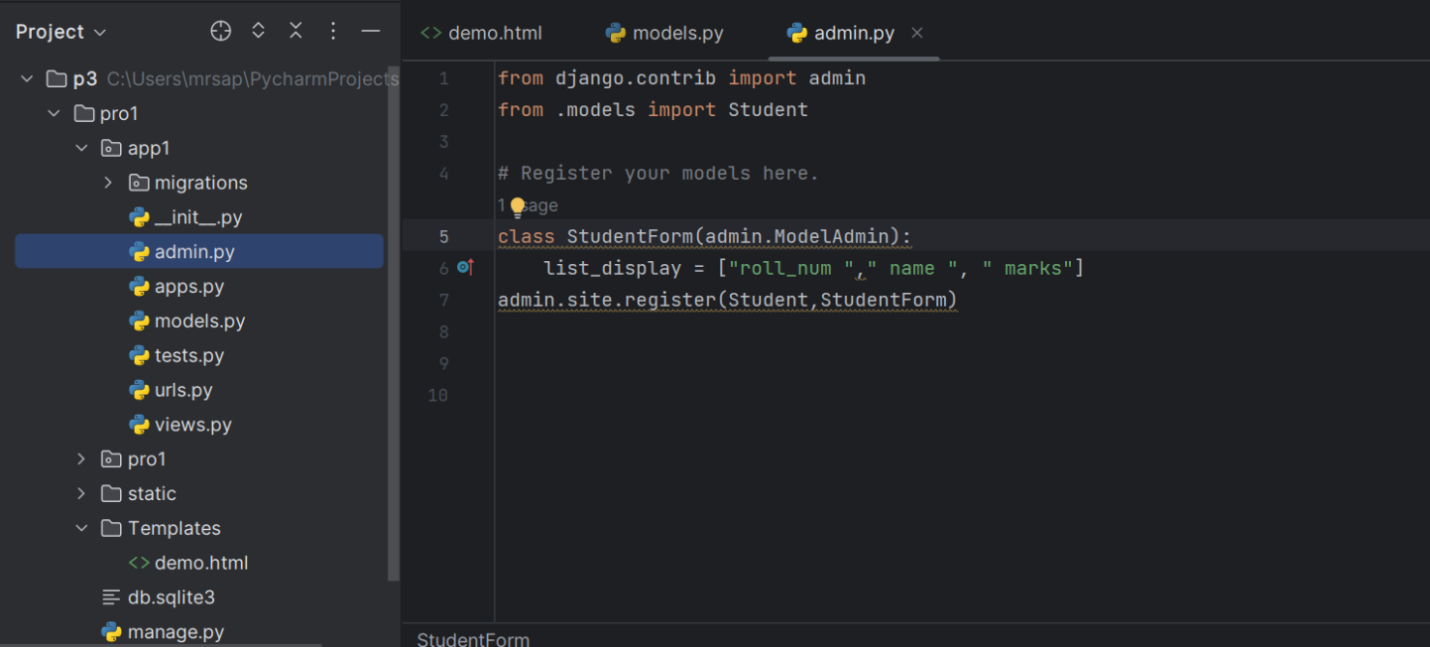
Enter command in Terminal:

**py manage.py makemigrations**

**py manage.py migrate**

**Step3: -** Register Models in Admin Panel

In the app's **admin.py** file, register your models to make them accessible in the admin panel:



**list\_display** to control which fields are displayed on the change list page of the admin. If you don't set list\_display, the admin site will display a single column that displays the \_\_str\_\_() representation of each object.

The Django admin is an automatically-generated user interface for Django models. The **register function** is used to add models to the Django admin so that data for those models can be created, deleted, updated and queried through the user interface.

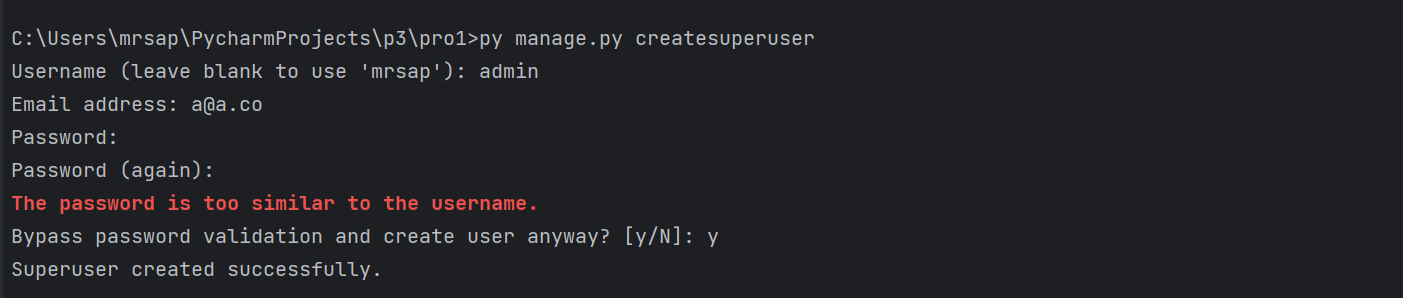
**@admin.register(model\_nm)**

**admin.site.register(model\_nm,admin\_nm)**

**Step 4:-** Create Superuser

Run the following command to create a superuser who can access the admin panel:

**python manage.py createsuperuser**



**Step 5:-** Start Development Server

**python manage.py runserver**

**Step 6:-** Access Admin Panel

Go to **http://127.0.0.1:8000/admin/** in your browser and log in using the superuser credentials created earlier.

A screenshot of a computer

Description automatically generated

You should now see the registered model(s) listed in the admin panel. You can add, edit, and delete instances of these models via the web interface.

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