# Create View – Class based Views Django

Create View refers to a view (logic) to create an instance of a table in the database. We have already discussed basics of Create View in [Create View – Function based Views Django](https://www.geeksforgeeks.org/create-view-function-based-views-django/). Class-based views provide an alternative way to implement views as Python objects instead of functions. They do not replace function-based views, but have certain differences and advantages when compared to function-based views:

## **Django Create View – Class Based Views**

***Consider a project named project5 having an app named myapp.***

In myapp/models.py,

# Create your models here.

# import the standard Django Model

# from built-in library

from django.db import models

# declare a new model with a name "GeeksModel"

class LoginTable(models.Model):

  # fields of the model

  username = models.CharField(max\_length = 200)

  password = models.TextField()

  # renames the instances of the model

  # with their title name

  def \_\_str\_\_(self):

    return self.username

***After creating this model, we need to run two commands in order to create Database for the same.***

***Python manage.py makemigrations***

***Python manage.py migrate***

***Now let’s create some instances of this model using shell, run form bash,or terminal***ython manage.py shell

***Python manage.py shell***

***Enter following commands***

***>>> from myapp.models import LoginTable***

***>>> LoginModel.objects.create(***

***username="user1",***

***password="pass1").save()***

***>>> LoginModel.objects.create(***

***username="user2",***

***password="pass2").save()***

***>>> LoginModel.objects.create(***

***username="user3",***

***password="pass3").save()***

Let’s register this model. In geeks/admin.py

***from django.contrib import admin***

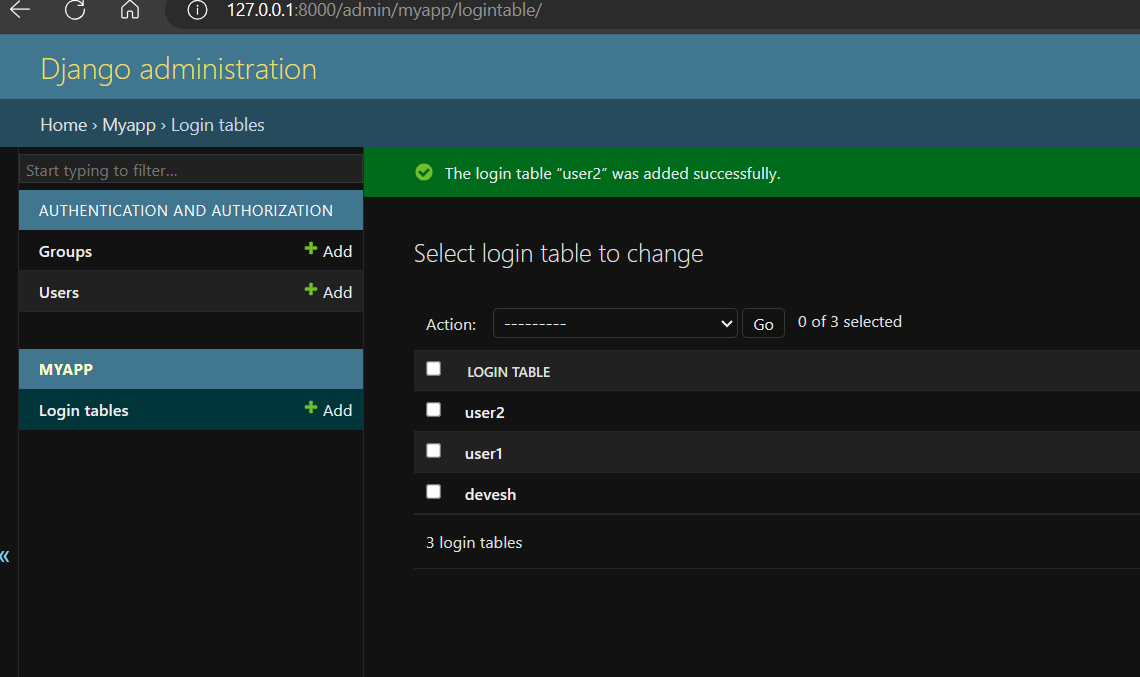
***from .models import LoginTable***

***# Register your models here.***

***admin.site.register(LoginTable)***

***Now we have everything ready for the back end. Verify that instances have been created from***[***http://localhost:8000/admin/***](http://localhost:8000/admin/)

***(please create superuser )***



***Let’s create a view and template for the same.***

from django.shortcuts import render

from django.views.generic.edit import CreateView

from .models import LoginTable

class LoginCreate(CreateView):

    # specify the model for create view

    model = LoginTable

    # specify the fields to be displayed

    fields = ['username', 'password']

    # specify the template name

    template\_name = 'login.html'  # Replace 'your\_template\_name.html' with the actual template name

Create a template in templates/login.html

<form method="POST" enctype="multipart/form-data">

  <!-- Security token -->

  {% csrf\_token %}

  <!-- Using the formset -->

  {{ form.as\_p }}

  <input type="submit" value="Submit">

</form>

Let’s check what is there on [***http://localhost:8000/create/***](http://localhost:8000/create/)

