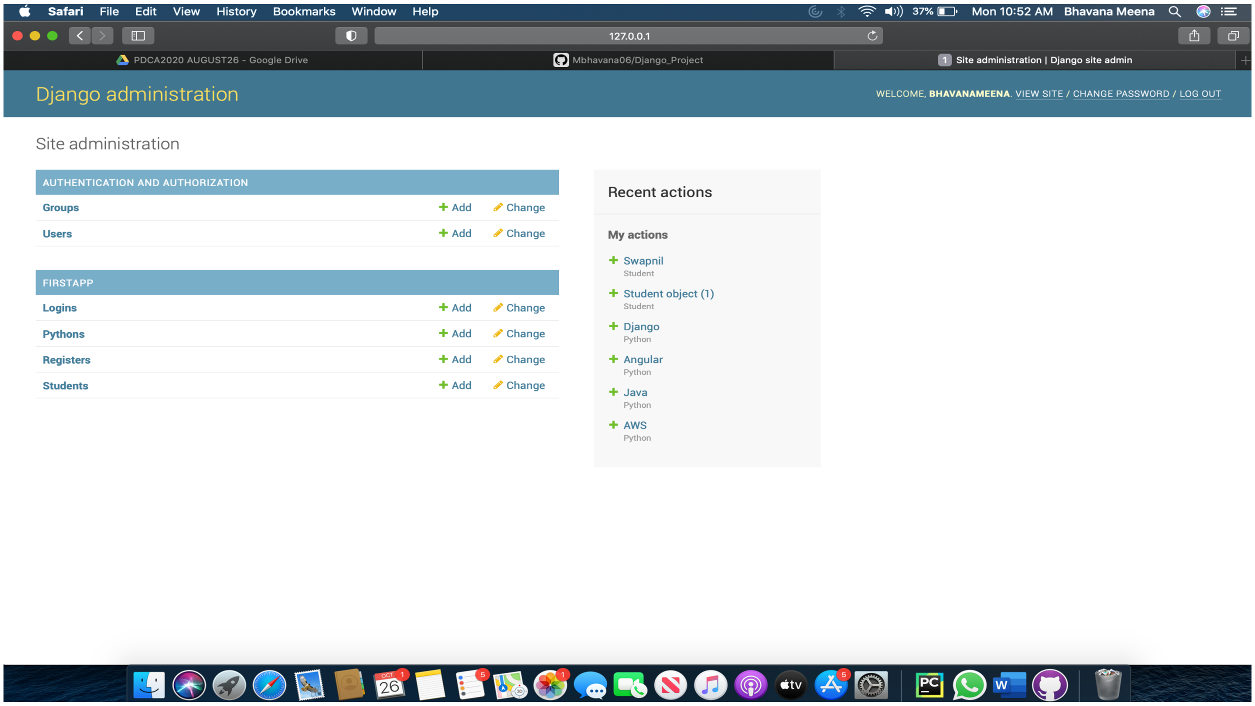
1) Admin Page:


Safari File Edit View History Bookmarks Window Help
37% Mon 10:52 AM Bhavana Meena
127.0.0.1
PDCA2020 AUGUST26 - Google Drive
Mbhavana06/Django_Project
Site administration | Django site admin

Django administration

WELCOME, **BHAVANAMEENA**. VIEW SITE / CHANGE PASSWORD / LOG OUT

Site administration

AUTHENTICATION AND AUTHORIZATION		
Groups	+ Add	Change
Users	+ Add	Change

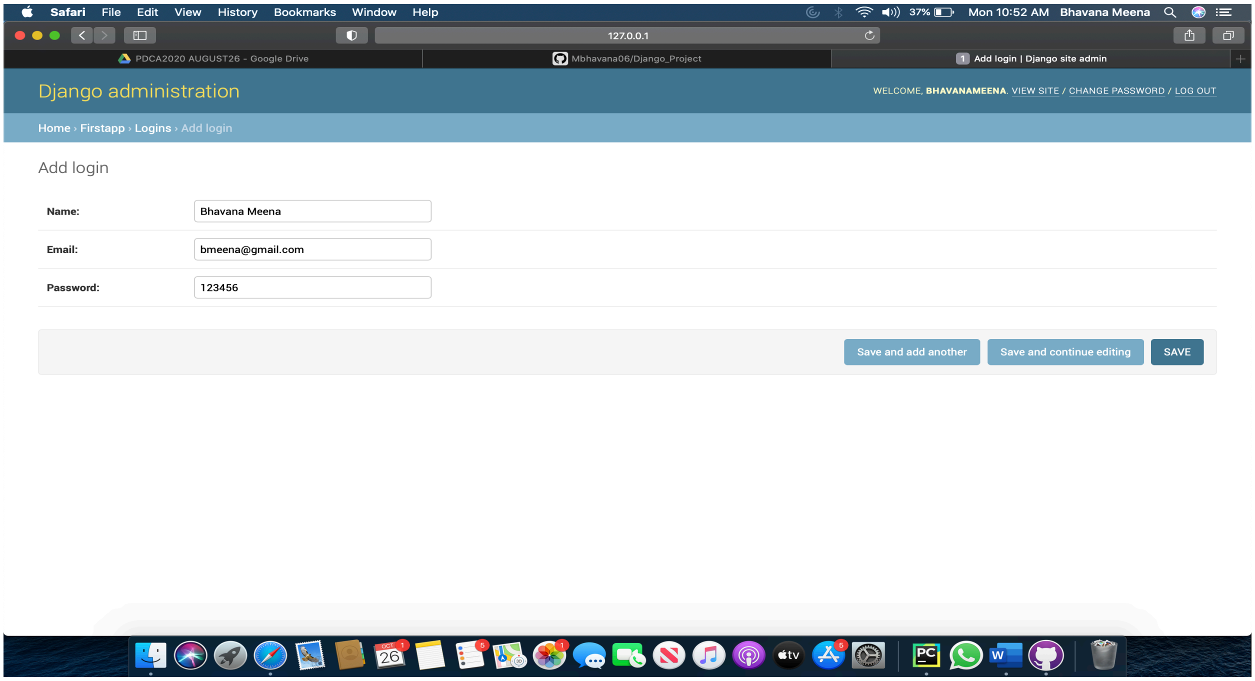
FIRSTAPP		
Logins	+ Add	Change
Pythons	+ Add	Change
Registers	+ Add	Change
Students	+ Add	Change

Recent actions

My actions

- + Swapnil
Student
- + Student object (1)
Student
- + Django
Python
- + Angular
Python
- + Java
Python
- + AWS
Python

2) Login:


Safari File Edit View History Bookmarks Window Help
37% Mon 10:52 AM Bhavana Meena
127.0.0.1
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Mbhavana06/Django_Project
Add login | Django site admin

Django administration

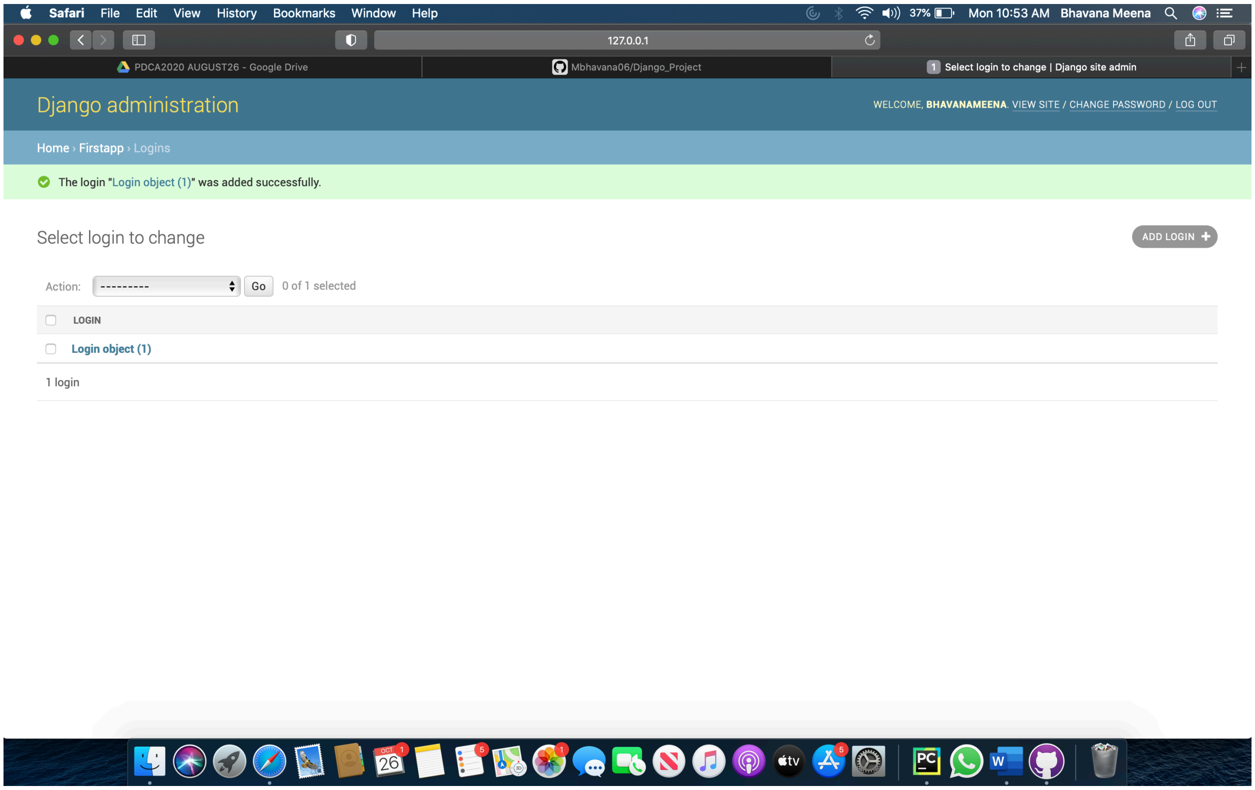
WELCOME, **BHAVANAMEENA**. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home › Firstapp › Logins › Add login

Add login

Name:	Bhavana Meena
Email:	bmeena@gmail.com
Password:	123456

Save and add another
Save and continue editing
SAVE


Safari File Edit View History Bookmarks Window Help
37%
Mon 10:53 AM Bhavana Meena
127.0.0.1
PDCA2020 AUGUST26 - Google Drive
Mbhavana06/Django_Project
Select login to change | Django site admin

Django administration

WELCOME, **BHAVANAMEENA**. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home › Firstapp › Logins

The login "Login object (1)" was added successfully.

Select login to change

ADD LOGIN +

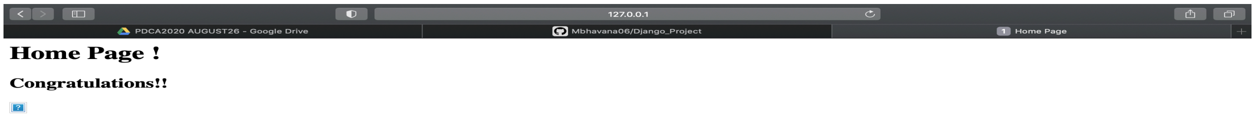
Action: --------- Go 0 of 1 selected

□ LOGIN

□ Login object (1)

1 login

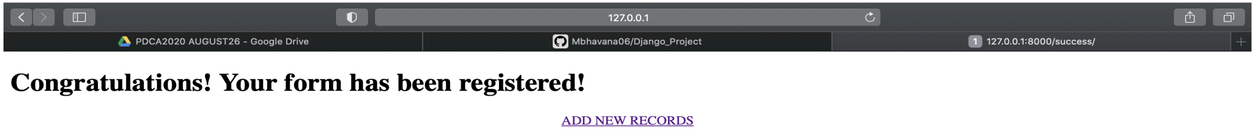
3) Home page:



Home Page !

Congratulations!!

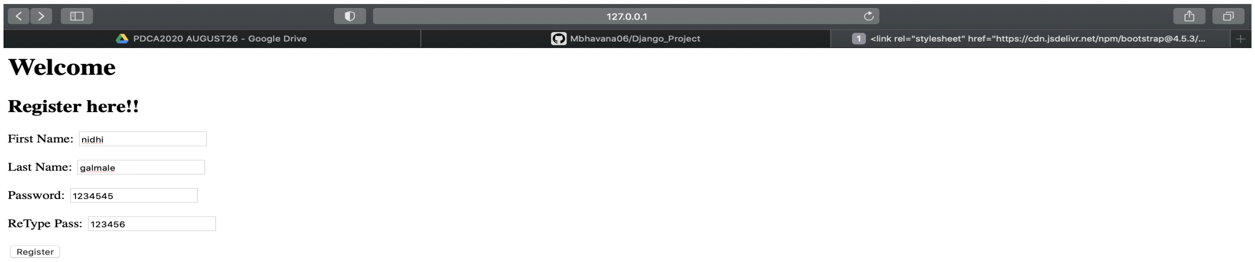
4) Success page:


127.0.0.1
PDCA2020 AUGUST26 - Google Drive
Mbhavana06/Django_Project
1 127.0.0.1:8000/success/

Congratulations! Your form has been registered!

ADD NEW RECORDS

5) Register Page:


127.0.0.1
PDCA2020 AUGUST26 - Google Drive
Mbhavana06/Django_Project
1 <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/...
Register

Welcome

Register here!!

First Name: nidhi

Last Name: galmale

Password: 1234545

ReType Pass: 123456

CODE as per Constraints:

1)

```
from django.contrib import admin
from django.urls import path, include
from django.contrib import staticfiles
from firstapp import views

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', include('firstapp.urls')),
]
```

2)

```
from django.urls import path, include
from firstapp import views

urlpatterns = [
    path('home/', views.home),
    path('register/', views.create, name='register'),
    path('success/', views.success, name='success'),

    # path('about/', views.about),
    # path('contact/', views.contact),
    # path('firstapp/', include('firstapp.urls')),

]
```

3)views.py

```
from django.shortcuts import render

# Create your views here.

from django.shortcuts import render, redirect
from django import forms
from . import forms
from firstapp.models import Register


from django.http import HttpResponse

def home(request):
    return render(request,'firstapp/home.html')

# def about(request):
#     return HttpResponse("About page!!")
#
# def contact(request):
#     return HttpResponse("Contact Us here!!")
# def form_view(request):
#     if request.method=='POST':
#         form=forms.RegisterForm(request.POST)
#         if form.is_valid():
#             print("Validation worked")
#             print("Name:" + form.cleaned_data['name'])
#             print("Email_id:" + form.cleaned_data['email'])
#             print("Text:" + form.cleaned_data['text'])

def create(request):
    if request.method == 'POST':
        form=forms.RegisterForm(request.POST)
        if form.is_valid():
            try:
                form.save()
                return redirect('success')
            except:
                print("error")
    else:
        form=forms.RegisterForm()
    return render(request, 'firstapp/Register.html',{'form': form})

def success(request):
    Registrations = Register.objects.all()
    return render(request, 'firstapp/success.html', {'Registrations':
Registrations})
```

```
4) <html>
    <head>
        <title>
            <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css
" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2"
crossorigin="anonymous">
            Register
        </title>
    </head>
    <body>
        <form method="POST">
            <div class="container">
            <div class="jumbotron">
                <h1>
                    Welcome
                </h1>
                 <h2>
                     Register here!!
                 </h2>
                {{form.as_p}}
                {% csrf_token %}
                <input type="submit" class="btn btn-primary"
value="Register">

            </div>
        </div>

        </form>


    </body>

</html>
```

```
6) {% load static %}
   <html>
       <head>
           <title>
               Home Page
           </title>
       </head>
       <body>
           <h1>
               Home Page !
           </h1>
           <h2>
               Congratulations!!
           </h2>
           <img src="{% static "firstapp/static/image.jpg" %}"/>
       </body>

   </html>
```

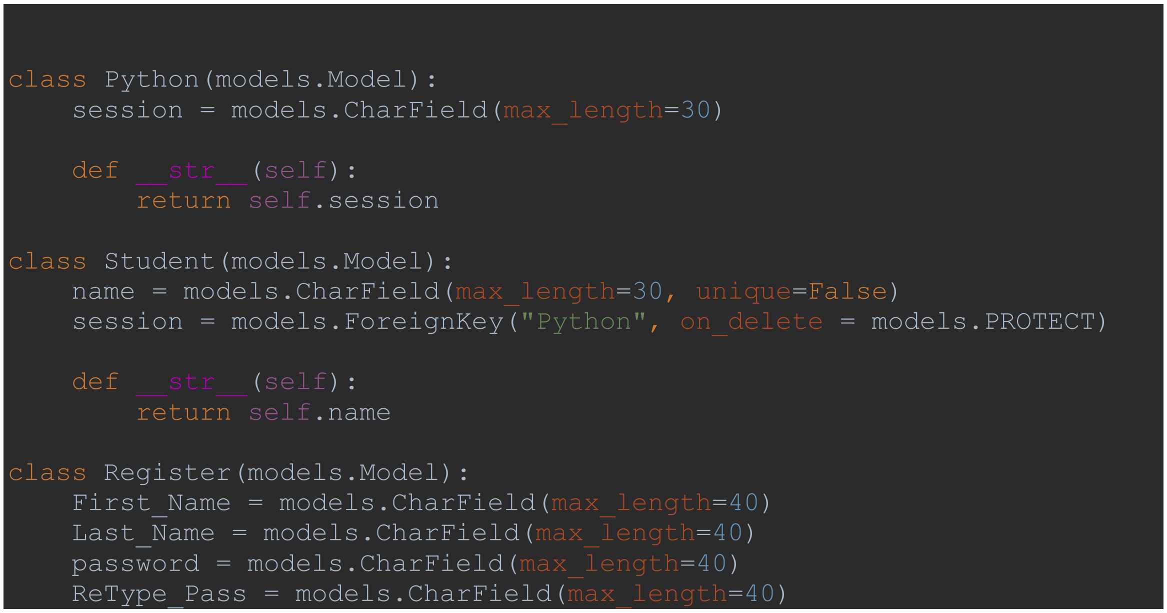
7)

```
import os

# Build paths inside the project like this: os.path.join(BASE_DIR, ...)
BASE_DIR = os.path.dirname(os.path.dirname(os.path.abspath(__file__)))
TEMPLATE_DIR = os.path.join(BASE_DIR, 'Templates')
STATIC_DIR = os.path.join(BASE_DIR, 'static')
print("Static Directory is:", STATIC_DIR)
```

```
TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        'DIRS': [TEMPLATE_DIR,],
        'APP_DIRS': True,
        'OPTIONS': {
            'context_processors': [
                'django.template.context_processors.debug',
                'django.template.context_processors.request',
                'django.contrib.auth.context_processors.auth',
                'django.contrib.messages.context_processors.messages',
            ],
        },
    },
]
```

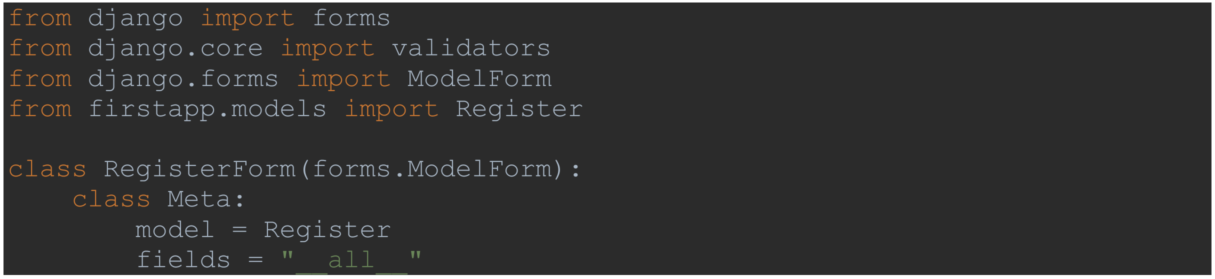
8) Models:

```
from django.db import models

# Create your models here.

class Login(models.Model):
    name = models.CharField(max_length=30)
    email = models.EmailField(max_length=40)
    password = models.CharField(max_length=40)
```



```
class Python(models.Model):
    session = models.CharField(max_length=30)

    def __str__(self):
        return self.session

class Student(models.Model):
    name = models.CharField(max_length=30, unique=False)
    session = models.ForeignKey("Python", on_delete = models.PROTECT)

    def __str__(self):
        return self.name

class Register(models.Model):
    First_Name = models.CharField(max_length=40)
    Last_Name = models.CharField(max_length=40)
    password = models.CharField(max_length=40)
    ReType_Pass = models.CharField(max_length=40)
```

9) Forms:



```
from django import forms
from django.core import validators
from django.forms import ModelForm
from firstapp.models import Register

class RegisterForm(forms.ModelForm):
    class Meta:
        model = Register
        fields = "__all__"
```