**Practical 3**

**APPLICATION DEVELOPMENT FRAMEWORKS**

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Department of Computer Science and Engineering

Institute of Technology

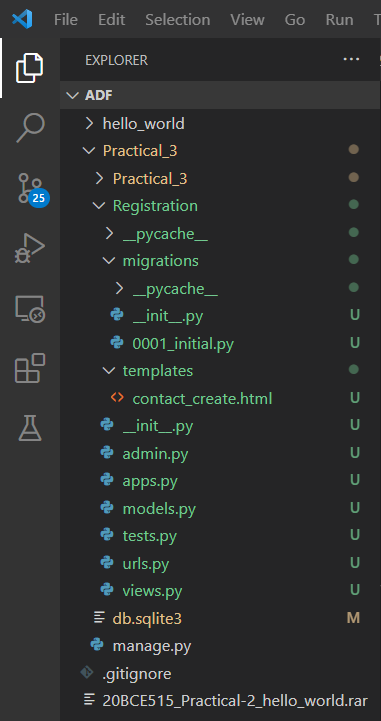
Nirma University

Ahmedabad

**Aim :** **Design model for a new social media platform registration page using Django. Register the model to built-in admin app of Django. Ensure appropriate fields are selected for the registration page.**

* **Creating Django project:**

django-admin startproject Practical\_3

* **File structure :**

**Practical\_3/urls.py :**

from django.contrib import admin

from django.urls import path

from django.urls.conf import include

urlpatterns = [

    path('admin/', admin.site.urls),

    path('', include('Registration.urls'))

]

**Practical\_3/settings.py :**

INSTALLED\_APPS = [

    'django.contrib.admin',

    'django.contrib.auth',

    'django.contrib.contenttypes',

    'django.contrib.sessions',

    'django.contrib.messages',

    'django.contrib.staticfiles',

    'Registration',

]

* **Create Django App :**

python manage.py startapp Registration

* **Registration/models.py:**

from django.db import models

# Create your models here.

class Contact(models.Model):

    first\_name = models.CharField(max\_length = 100)

    last\_name = models.CharField(max\_length = 100)

    username=models.CharField(max\_length=50)

    email=models.EmailField()

    password=models.CharField(max\_length=20)

    contact=models.IntegerField(max\_length=10)

    age= models.IntegerField()

* **Registration/admin.py:**

from django.contrib import admin

from .models import Contact

# Register your models here.

admin.site.register(Contact)

* **Registration/urls.py:**

from django.urls import path

from .views import \*

urlpatterns = [

    path('',ContactCreate.as\_view()),

]

* **Registration/templates/contact\_create.html :**

<form method="POST">

    {%csrf\_token%}

    {{form.as\_p}}

    <button type="submit"> Save </button>

</form>

* **Registration/views.py :**

from django.shortcuts import render

# Create your views here.

from django.views.generic import CreateView

from .models import Contact

from django.urls import reverse\_lazy

class ContactCreate(CreateView):

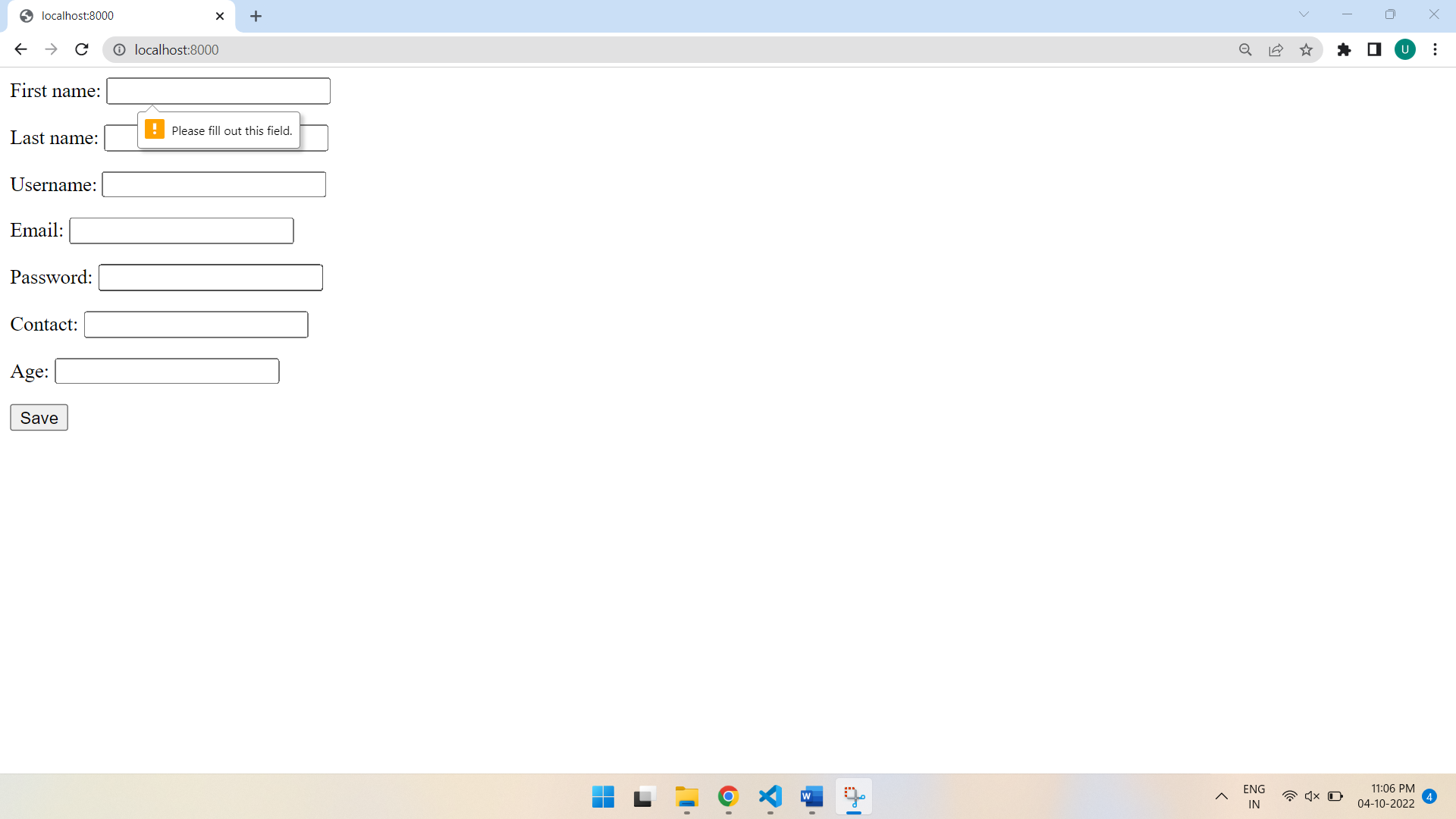
    model = Contact

    fields=('first\_name','last\_name','username','email','password','contact','age')

    template\_name="contact\_create.html"

* **Execution :**

python manage.py runserver

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**\*\*END\*\***