# Django Feedback Form

Created project using

django-admin startproject feedback_form

Changed directory using

Cd feedback_form

Created app using

Python manage.py startapp feedback

In settings.py in my project folder added my app in INSTALLED_APPS

```
# Application definition

INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'feedback',
]
```

In my app feedback created file forms.py and created forms class and method to validate

```python
from django import forms

class FeedbackForm(forms.Form):
    user_name = forms.CharField(max_length=100, label='User Name')
    email = forms.EmailField(label='Email')
    password = forms.CharField(widget=forms.PasswordInput, label='Password')
    confirm_password = forms.CharField(widget=forms.PasswordInput, label='Confirm Password')
    phone_number = forms.CharField(max_length=15, label='Phone Number')
    feedback_message = forms.CharField(widget=forms.Textarea, label='Feedback Message')

    def clean(self):
        cleaned_data = super().clean()
        password = cleaned_data.get("password")
        confirm_password = cleaned_data.get("confirm_password")
        phone_number = cleaned_data.get("phone_number")

        if password != confirm_password:
            self.add_error('confirm_password', "Passwords do not match.")

        if not phone_number.isdigit() or len(phone_number) < 10:
            self.add_error('phone_number', "Phone number must contain only digits and have at least 10 characters.")
```

Views.py

```python
from django.shortcuts import render
from .forms import FeedbackForm

def feedback_view(request):
    if request.method == 'POST':
        form = FeedbackForm(request.POST)
        if form.is_valid():
            form = FeedbackForm()
            return render(request, 'feedback/feedback.html', {'form': form, 'success': True})
    else:
        form = FeedbackForm()
    return render(request, 'feedback/feedback.html', {'form': form})
```

In our app folder created urls.py file

```python
from django.urls import path
from . import views

urlpatterns = [
    path('', views.feedback_view, name='feedback'),
]
```

added this in project urls.py

```python
urls.py  3 ×

feedback_form > feedback_form > urls.py > ...
  1    """
  2    URL configuration for feedback_form project.
  3
  4    The `urlpatterns` list routes URLs to views. For more information please see:
  5        https://docs.djangoproject.com/en/5.1/topics/http/urls/
  6    Examples:
  7    Function views
  8        1. Add an import:  from my_app import views
  9        2. Add a URL to urlpatterns:  path('', views.home, name='home')
 10    Class-based views
 11        1. Add an import:  from other_app.views import Home
 12        2. Add a URL to urlpatterns:  path('', Home.as_view(), name='home')
 13    Including another URLconf
 14        1. Import the include() function: from django.urls import include, path
 15        2. Add a URL to urlpatterns:  path('blog/', include('blog.urls'))
 16    """
 17    from django.contrib import admin
 18    from django.urls import path, include
 19
 20    urlpatterns = [
 21        path('admin/', admin.site.urls),
 22        path('feedback/', include('feedback.urls')),
 23    ]
 24
```
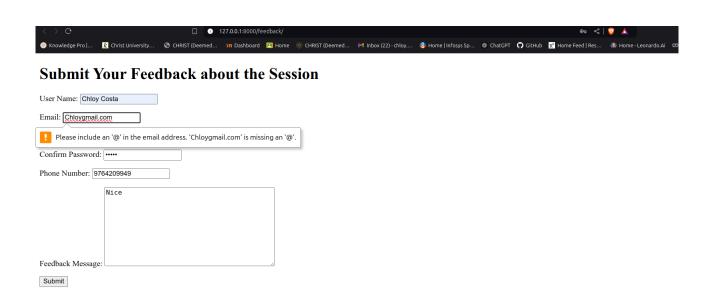
to run first used
python manage.py migration

then

python manage.py runserver

127.0.0.1:8000/feedback/

Knowledge Pro |... | Christ University... | CHRIST (Deemed... | Dashboard | Home | CHRIST (Deemed... | Inbox (22) - chloy.... | Home | Infosys Sp... | ChatGPT | GitHub | Home Feed | Res... | Home - Leonardo.Ai

# Submit Your Feedback about the Session

User Name: [ ]

Email: [ ]

Password: [ ]

Confirm Password: [ ]

Phone Number: [ ]

Feedback Message: [ ]

Submit

Here's the form

127.0.0.1:8000/feedback/

Knowledge Pro |... | Christ University... | CHRIST (Deemed... | Dashboard | Home | CHRIST (Deemed... | Inbox (22) - chloy.... | Home | Infosys Sp... | ChatGPT | GitHub | Home Feed | Res... | Home - Leonardo.Ai

# Submit Your Feedback about the Session

User Name: [Chloy Costa]

Email: [Chloygmail.com]

⚠ Please include an '@' in the email address. 'Chloygmail.com' is missing an '@'.

Confirm Password: [•••••]

Phone Number: [9764209949]

Feedback Message: [Nice]

Submit

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# Submit Your Feedback about the Session

User Name: Chloy Costa

Email: Chloy@gmail.com

Password:

- Passwords do not match.

Confirm Password:

Phone Number: 9764209949

Feedback Message:
Nice

Submit

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● Knowledge Pro |...   ⬛ Christ University...   ⊕ CHRIST (Deemed...   in Dashboard   🖼 Home   ◉ CHRIST (Deemed...   M Inbox (22) - chloy....   🧡 Home | Infosys Sp...   ⊕ ChatGPT   ◯ GitHub   ℝ² Home Feed | Res...   🧋 Home - Leonardo.Ai   ∞

# Submit Your Feedback about the Session

User Name: Chloy Costa

Email: Chloy@gmail.com

Password:

Confirm Password:

- Phone number must contain only digits and have at least 10 characters.

Phone Number: 976420994

Feedback Message:
Nice

Submit

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# Submit Your Feedback about the Session

User Name: Chloy Costa

Email: Chloycosta@gmail.com

Password: ••••

Confirm Password: ••••

Phone Number: 9764209949

Feedback Message:

⚠ Please fill in this field.

Submit

Thank you for your feedback!

← → C    ⚲   ●   127.0.0.1:8000/feedback/    ⊶ ⋖ | ▼ ▲

● Knowledge Pro |...   k Christ University...   ● CHRIST (Deemed...   in Dashboard   ▲ Home   ● CHRIST (Deemed...   M Inbox (22) - chloy...   ● Home | Infosys Sp...   ● ChatGPT   ○ GitHub   R² Home Feed | Res...   ● Home - Leonardo.Ai   ∞

# Submit Your Feedback about the Session

User Name:

Email:

Password:

Confirm Password:

Phone Number:

Feedback Message:

Submit

Thank you for your feedback!

README.md file

EXPLORER

OPEN EDITORS
  ✕ README.md feedbac...
ETE_3
  feedback_form
    feedback
    feedback_form
    db.sqlite3
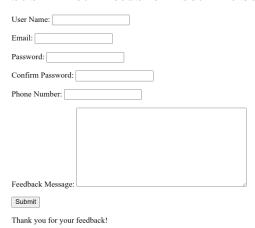    manage.py
    README.md
  Q2
    best_perf.py
    sales_data_analysis.csv

README.md ✕

feedback_form > README.md > # Feedback form submission > ## How to Run the Project

```
1   # Feedback form submission
2
3   ## How to Run the Project
4
5   1. Open the main folder feedback_form in vs code or open in exlorer and open it in terminal
6   2. Change directory to feedback using command "cd feedback"
7   3. run python manage.py runserver
8   4. If you encounter migration errors, run python manage.py migrate
9   Then run python manage.py runserver
10
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   SQL CONSOLE   COMMENTS

```
(base) chloy@chloy-Aspire-A515-45:~/Documents/College_code/python/ETE_3/feedback_form$ python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
September 26, 2024 - 06:42:48
Django version 5.1.1, using settings 'feedback_form.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.

[26/Sep/2024 06:42:50] "GET /feedback/ HTTP/1.1" 200 1481
[26/Sep/2024 06:44:12] "POST /feedback/ HTTP/1.1" 200 1627
[26/Sep/2024 06:44:31] "POST /feedback/ HTTP/1.1" 200 1673
[26/Sep/2024 06:45:13] "POST /feedback/ HTTP/1.1" 200 1530
```

OUTLINE