Django Feedback System - Step-by-Step Implementation

Step 1: Create a Django Project

Open a terminal and run:

```
django-admin startproject feedback_project
cd feedback_project
```

Step 2: Create a Django App

Inside the project, create an app called feedback_app:

```
python manage.py startapp feedback_app
python manage.py startapp feedback_app
```

Step 3: Register the App

In feedback_project/settings.py, add feedback_app to INSTALLED_APPS:

```
INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'feedback_app',  # Add this line
]
```

Step 4: Define the Feedback Model

Inside feedback_app/models.py, define the Feedback model:

Step 5: Apply Migrations

Run:

```
python manage.py makemigrations feedback_app
```

```
python manage.py migrate
```

Step 6: Create a Django Form

Inside feedback_app/forms.py

Step 7: Create the Feedback View

Inside feedback_app/views.py

Step 8: Add URL Patterns

Inside feedback_app/urls.py, add:

Step 9: Create a Template Folder

Inside feedback_app, create a folder named templates and add feedback.html and feedback_success.html.

Step 10: Create feedback.html Form

Inside feedback_app/templates/feedback.html:

Step 11: Create feedback_success.html

Inside feedback_app/templates/feedback_success.html:

Step 12: Register Feedback Model in Admin

Inside feedback_app/admin.py

Run the admin panel:
```
python manage.py createsuperuser
python manage.py runserver
```

Step 13: Start the Server
```
python manage.py runserver
```

Visit:

- **Feedback Page:** http://127.0.0.1:8000/feedback/
- **Success Page:** http://127.0.0.1:8000/feedback/success/

Welcome to the Feedback App

[Give Feedback](#)

Thank you for your feedback!

Back to Home

Feedback Form

Name: Likith

Email: Likith@example.com

Subject: Feedback

Message: The college provides a vibrant learning environment with excellent faculty, diverse courses, and modern infrastructure. Students benefit from hands-on experiences, extracurricular activities, and strong industry connections. The campus fosters creativity, collaboration, and personal growth. Continuous improvements in academics and facilities enhance the overall educational experience, preparing students for success.

Submit Feedback

Tirumala Tirupati Devasthanams(Official Booking Portal)

☆ Start Page

Django administration

Home › Feedback_App › Feedbacks

AUTHENTICATION AND AUTHORIZATION

| Groups | ➕ Add |
| Users | ➕ Add |

FEEDBACK_APP

| Feedbacks | ➕ Add |

Select feedback to change

ADD FEEDBACK ➕

🔍 [   ] Search

Action: [--------- ▼] Go 0 of 1 selected

	NAME	EMAIL	SUBJECT	SUBMITTED AT
☐	Likith	Likith@example.com	Feedback	Feb. 22, 2025, 11:35 a.m.

1 feedback

«

Django administration

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AUTHENTICATION AND AUTHORIZATION

Groups	+ Add
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FEEDBACK_APP

Feedbacks	+ Add

Add feedback

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Save and add another   Save and continue editing   SAVE

```
views.py    models.py    home.html    feedback.html    feedback_success.html    forms.py    manage.py    urls.
```

manage.py > ...

```python
1  #!/usr/bin/env python
2  """Django's command-line utility for administrative tasks."""
3  import os
4  import sys
5
6
7  def main():
8      """Run administrative tasks."""
9      os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'feedback_project.settings')
10     try:
11         from django.core.management import execute_from_command_line
12     except ImportError as exc:
13         raise ImportError(
14             "Couldn't import Django. Are you sure it's installed and "
15             "available on your PYTHONPATH environment variable? Did you "
16             "forget to activate a virtual environment?"
17         ) from exc
18     execute_from_command_line(sys.argv)
19
20
21  if __name__ == '__main__':
22      main()
23
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
(base) sumanth@MacBookAir feedback-main % python3 manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
February 22, 2025 - 11:28:29
Django version 3.1.12, using settings 'feedback_project.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[22/Feb/2025 11:28:33] "GET / HTTP/1.1" 200 281
[22/Feb/2025 11:28:38] "GET / HTTP/1.1" 200 281
[22/Feb/2025 11:28:39] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 2194
[22/Feb/2025 11:28:41] "GET /admin/ HTTP/1.1" 302 0
[22/Feb/2025 11:28:41] "GET /admin/login/?next=/admin/ HTTP/1.1" 200 2194
[22/Feb/2025 11:28:51] "POST /admin/login/?next=/admin/ HTTP/1.1" 302 0
[22/Feb/2025 11:28:52] "GET /admin/ HTTP/1.1" 200 4007
[22/Feb/2025 11:28:55] "GET /admin/feedback_app/feedback/add/ HTTP/1.1" 200 7144
[22/Feb/2025 11:28:56] "GET /admin/jsi18n/ HTTP/1.1" 200 3317
[22/Feb/2025 11:29:01] "GET / HTTP/1.1" 200 281
[22/Feb/2025 11:29:03] "GET /feedback/ HTTP/1.1" 200 947
[22/Feb/2025 11:29:20] "POST /feedback/ HTTP/1.1" 302 0
[22/Feb/2025 11:29:20] "GET /feedback/success/ HTTP/1.1" 200 286
[22/Feb/2025 11:29:24] "GET / HTTP/1.1" 200 281
```