

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/>

IMPLEMENTED Code

The screenshot shows the Visual Studio Code editor with a project named 'feedback_project'. The Explorer sidebar on the left shows the project structure, with 'models.py' selected under the 'feedback_app' directory. The main editor window displays the code in 'models.py'.

```
1 # models.py
2 from django.db import models
3
4
5 class Feedback(models.Model):
6     name = models.CharField(max_length=100)
7     email = models.EmailField()
8     subject = models.CharField(max_length=200)
9     message = models.TextField()
10     submitted_at = models.DateTimeField(auto_now_add=True)
11
12     def __str__(self):
13         return f'{self.name} - {self.subject}'
```

The bottom of the editor shows the 'TERMINAL' tab with the command prompt: 'PS C:\Users\Lekha\Desktop\feedback_project>'. The status bar at the bottom indicates the file is 'models.py' at line 13, column 1, in UTF-8 encoding, with a Python 3.12.2 interpreter.

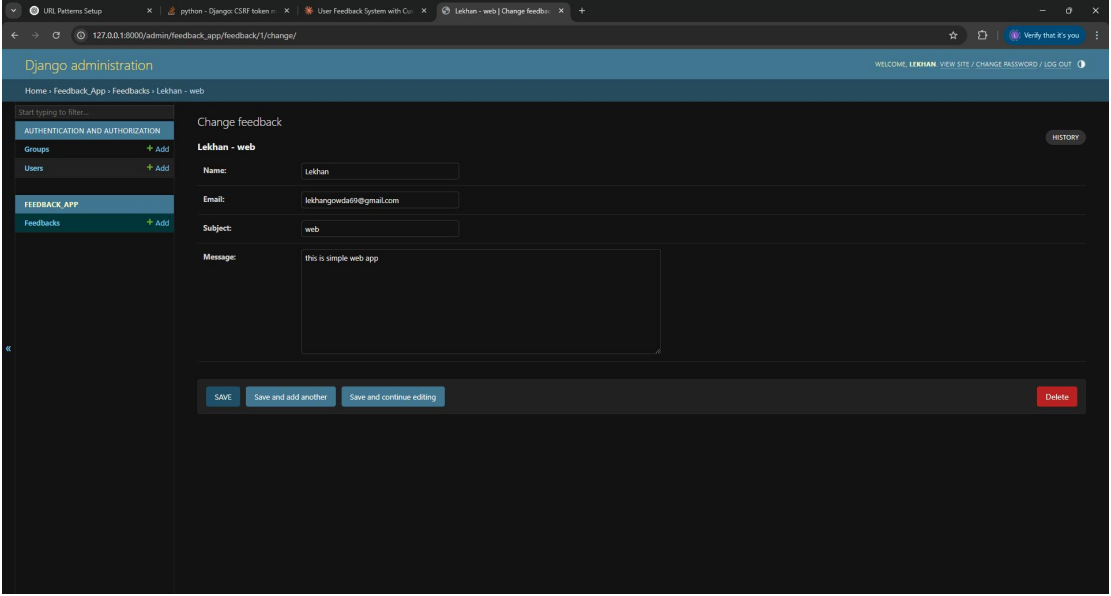
Webpage

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/feedback/'. The page contains a feedback form with the following fields:

- Name:** A text input field containing the value 'Lekha'.
- Email:** A text input field containing the value 'lekhangowda69@gmail.com'.
- Subject:** A text input field containing the value 'web'.
- Message:** A text area containing the value 'this is basic web app'.

Below the message field is a button labeled 'Submit Feedback'.

Admin page



Thank you

