Django Assignment: Build a Basic News Portal

TODOs

1. Set up a Django project and app.

2. Configure templates and static files.

3. Create views for different news categories.

4. Design basic HTML templates with dynamic content.

5. Apply styling using CSS and display category-specific images.

6. Implement URL routing to serve pages.

Instructions

- Follow each step carefully in sequence.

- Use only basic Django features: views, templates, static files.

- Do NOT use models, forms, or external APIs.

- Customize content and names meaningfully.

Steps in Tabular Format

Step No.	Task	Command / Action
1	Create a Django project	django-admin startproject newsportal
2	Navigate to the project directory	cd newsportal
3	Start a Django app	python manage.py startapp newsapp
4	Add app to settings.py	'newsapp',
5	Create templates folder	mkdir templates
6	Update template path	TEMPLATE_DIR = BASE_DIR/'templates'
7	Create static/css/images folders	mkdir -p static/css static/images
8	Update static path	STATICFILES_DIRS = [STATIC_DIR]

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9	Define views	Create news_info, movies_view, etc.
10	Create templates	index.html, news.html
11	Add CSS	demo.css in static/css
12	Define URLs	Add path() in urls.py

Expected URLs and Responses

URL	View	Output
/	news_info()	Home page with links
/movies/	movies_view()	Movie news + images
/sports/	sports_view()	Sports news + images
/politics/	politics_view()	Politics news + images

Templates Overview

index.html:

- Displays heading: 'Welcome To XYZ NEWS Portal'

- Shows links to 3 categories

news.html:

- Dynamic title and 3 news points

- Displays 3 images based on category using {% if %}

CSS Styling (demo.css)

```
body {

  background: yellow;

  color: red;

  text-align: center;
```

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```css
}
ul {
  font-size: 20px;

  text-align: left;
}
img {
  height: 250px;

  width: 300px;

  margin: 25px;

  border: 5px solid red;
}
```