PROJECT1

Report / Blog Website

Presented By
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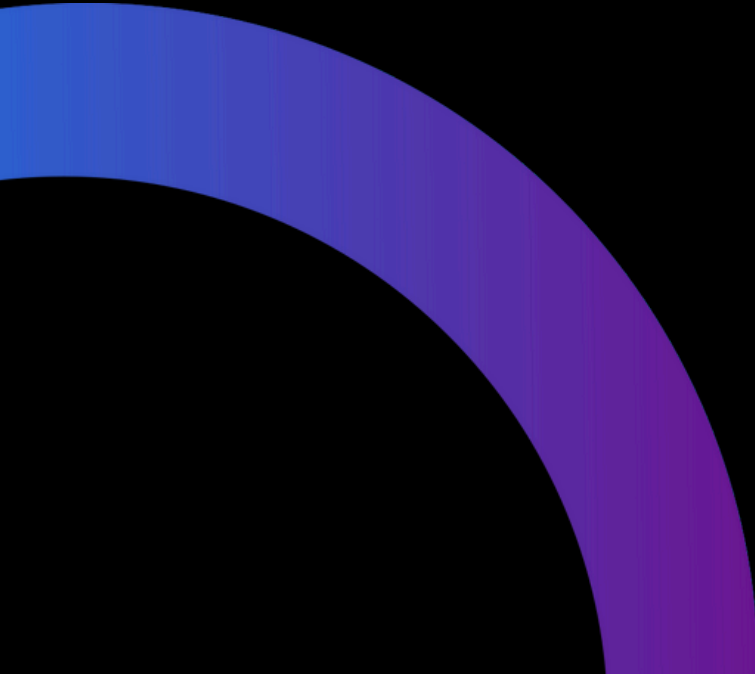
Introduction

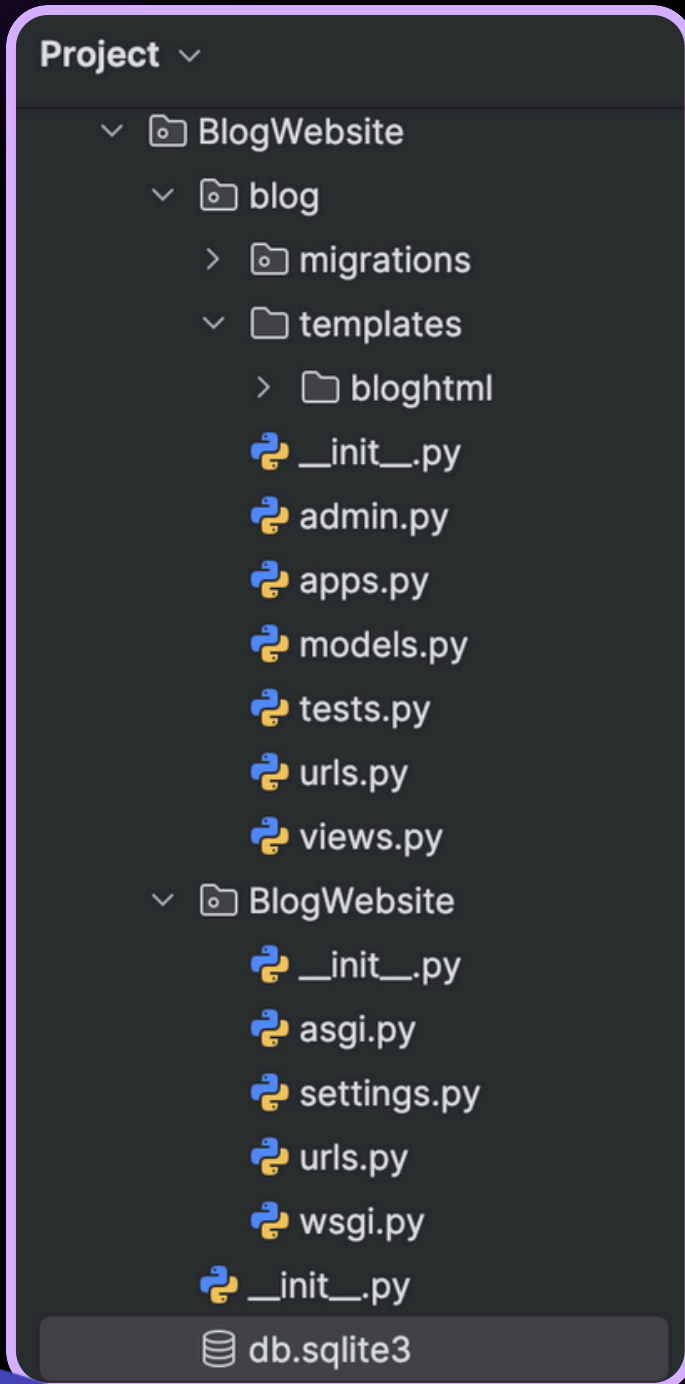**Project Name:**
Blog Website

Description:

The Simple Django Blog is a basic web application designed to facilitate blogging and content creation.
It leverages the Django framework, a powerful Python web framework,
 to provide an intuitive and user-friendly interface for managing and publishing blog posts.
This project aims to empower users to share their thoughts, ideas, and expertise with others through the creation of engaging blog content

Tasks

Project ⌄
⌄ ▣ BlogWebsite
  ⌄ ▣ blog
    › ▣ migrations
    ⌄ ▢ templates
      › ▢ bloghtml
    🐍 __init__.py
    🐍 admin.py
    🐍 apps.py
    🐍 models.py
    🐍 tests.py
    🐍 urls.py
    🐍 views.py
  ⌄ ▣ BlogWebsite
    🐍 __init__.py
    🐍 asgi.py
    🐍 settings.py
    🐍 urls.py
    🐍 wsgi.py
  🐍 __init__.py
  🗄 db.sqlite3

A new project called
"**BlogWebsite**" was
created, followed by the
creation of a new Django
app named
"**blog**" Work was done on
all **related files**, **writing** the
necessary **code** to
implement the **required
functionalities**

web page

Welcome to the Django Blog

Home | Users | Blogs | Comments | Categories

Main Page

Welcome to the Django Blog Main Page!

© 2025 Django Blog

This homepage provides a quick overview of the four key sections of our blog platform, making it easy to navigate and manage user data, posts, comments, and categories

web page

Home | Users | Blogs | Comments | Categories

All Users

- johnsmith - johnsmith@example.com
- emilyjones - emilyjones@example.com
- davidwilson - davidwilson@example.com
- sarahbrown - sarahbrown@example.com
- michaelscott - michaelscott@example.com
- lisajohnson - lisajohnson@example.com
- alexturner - alexturner@example.com
- jessicabaker - jessicabaker@example.com
- matthewwright - matthewwright@example.com
- oliviawalker - oliviawalker@example.com

Stores information about users, including their unique ID, chosen username, email address, and a securely hashed password

web page

All Blog Posts

- Introduction to Django
- Tips for Effective Time Management
- Exploring the Wonders of Nature
- The Art of Photography
- Understanding Machine Learning Algorithms
- Healthy Eating Habits for a Balanced Lifestyle
- Exploring the World of Literature
- Mastering the Basics of Graphic Design
- The Benefits of Yoga and Meditation
- The Power of Positive Thinking

Contains details about each blog post, such as the post's unique ID, title, content, category, and the date/time when the post was published

web page

All Comments

- Post ID: 1 | User: emilyjones
  Great introduction to Django!
- Post ID: 1 | User: michaelscott
  Very informative article.
- Post ID: 2 | User: davidwilson
  These tips are really helpful.
- Post ID: 3 | User: alexturner
  I love traveling and exploring nature!
- Post ID: 4 | User: sarahbrown
  Beautifully written article about photography.
- Post ID: 6 | User: jessicabaker
  Healthy eating is so important for overall well-being.
- Post ID: 7 | User: matthewwright
  I enjoy reading different genres of books.
- Post ID: 8 | User: oliviawalker
  Graphic design is such a creative field.
- Post ID: 9 | User: lisajohnson
  Yoga and meditation have changed my life.
- Post ID: 10 | User: johnsmith
  Positive thinking can make a huge difference in one's life.

Keeps track of comments made on blog posts, with each comment's unique ID, the associated post ID, user ID, content of the comment, and the date/time it was posted

web page

All Categories

- Programming
- Productivity
- Travel
- Art
- Technology
- Health
- Books
- Design
- Wellness
- Self-Improvement

Organizes blog posts into categories, storing a unique ID for each category and the name/title of the category