

**PYTHON FULLSTACK DEVELOPER COURSE
DJANGO FRAMEWORK PROJECT
E-COMMERCE WEBSITE**



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PROJECT TITLE SHEET

DJANGO E-Commerce Website

Project Report Submitted

In partial fulfillment of the requirement for the
proficient certificate course

Done By

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Under the guidance of

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ABSTRACT

DJANGO FRAMEWORK

Django is an MVT web framework that is used to build web applications. The huge Django web-framework comes with so many “batteries included” that developers often get amazed as to how everything manages to work together. The principle behind adding so many batteries is to have common web functionalities in the framework itself instead of adding latter as a separate library.

One of the main reasons behind the popularity of Django framework is the huge Django community. The community is so huge that a separate website was devoted to it where developers from all corners developed third-party packages including authentication, authorization, full-fledged Django powered CMS systems, e-commerce add-ons and so on. There is a high probability that what you are trying to develop is already developed by somebody and you just need to pull that into your project.

Django is designed in such a way that encourages developers to develop websites fast, clean and with practical design. Django’s practical approach to getting things done is where it stands out from the crowd.

DB SQLITE:

DB Browser for SQLite (DB4S) is a high quality, visual, opensource tool to create, design, and edit database files compatible with SQLite.

DB4S is for users and developers who want to create, search, and edit databases. DB4S uses a familiar spreadsheet-like interface, and complicated SQL commands do not have to be learned.

I connect my frontend project to Django. Here are the programming languages that I used in my frontend project:

HTML:

The HyperText Markup Language (HTML) programming language, which defines the structure and meaning of web content, is a building block for front-end development. Through HTML, browsers display text or load elements, rendering webpages, which contain hyperlinks and links to other webpages, for users.

CSS:

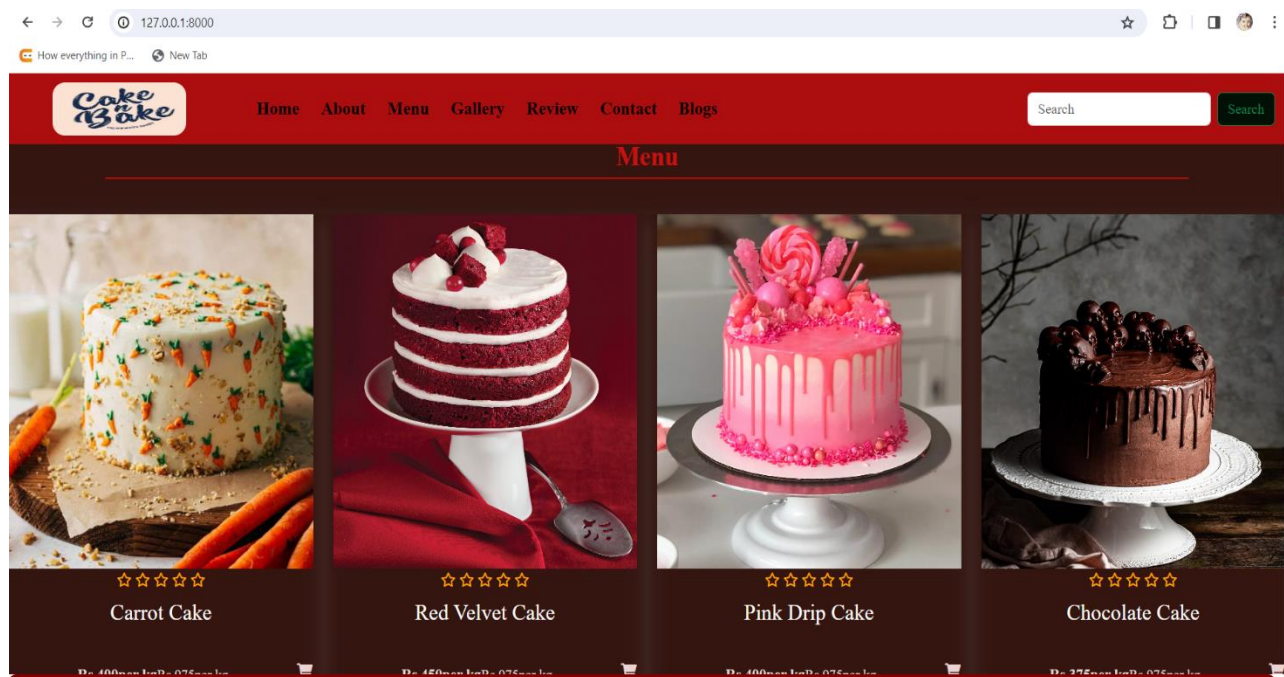
Cascading style sheets (CSS) is the standard language that specifies how to display HTML content: fonts, foreground and background colors, etc. With CSS, you can control the design layout and its components for various devices like desktops, tablets, and smartphones. Examples of the components are the header, body, footer, content, asides, and sections.

BOOTSTRAP:

A popular, open-source framework for developing responsive and mobile-first websites, Bootstrap offers CSS-based and JavaScript-based templates that include components like navigation bars, progress bars, 5 thumbnails, and dropdowns, all of which you can incorporate into webpages. Bootstrap implements responsive images through built-in code that automatically resizes them according to the current screen size. Also, with the JQuery plugins in Bootstrap, you can build and deliver interactive solutions for modal popups, image carousels, and transitions.

OUTPUT

HOMEPAGE



Contact Us
Describe your own cake and we will create it for you!

sini

sini@gmail.com

8797654434

Send Message

Info

cakebake123@gmail.com

☎ 19876543124

🏠 CakeBakeShop

If you have any questions or want to get in touch, use this form. We looking forward to hearing from you!

ADMIN PAGE OF CONTACT US

Django administration

WELCOME SINI VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Shop > Contacts

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Users + Add

SHOP

Contacts + Add

Imagess + Add

Select contact to change

Action: ----- Go 0 of 5 selected

☐ CONTACT

☐ contact object (5)

☐ contact object (4)

☐ contact object (3)

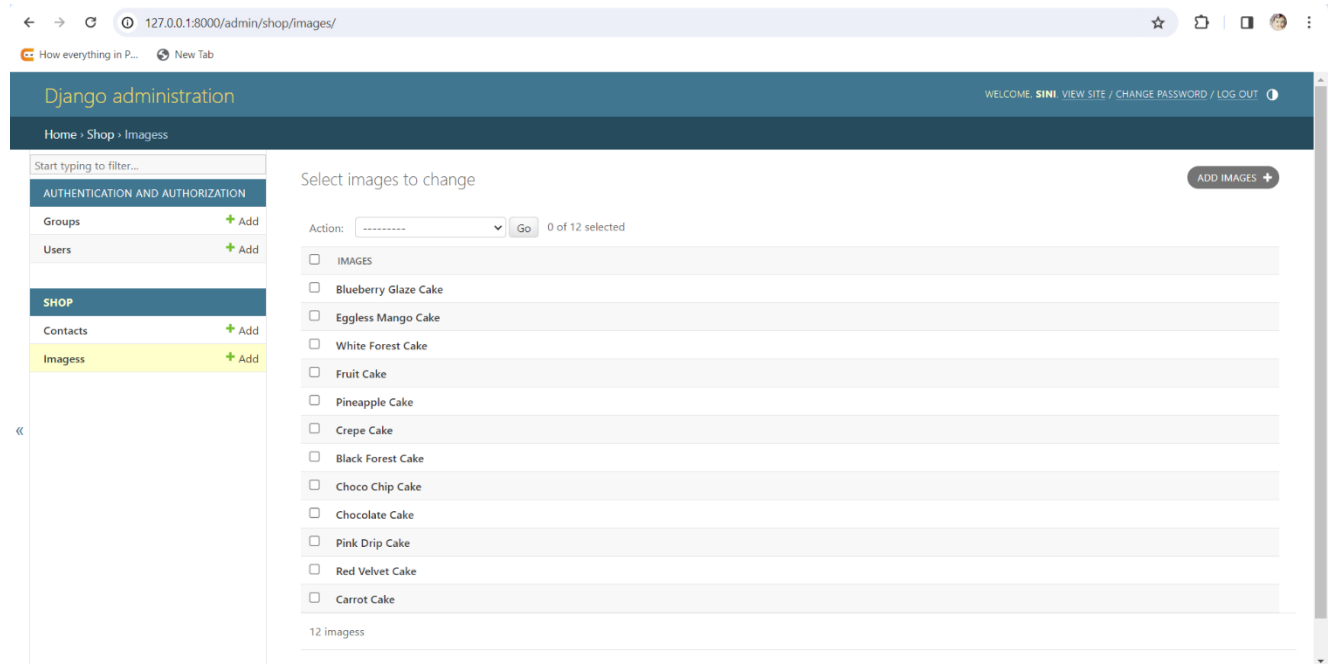
☐ contact object (2)

☐ contact object (1)

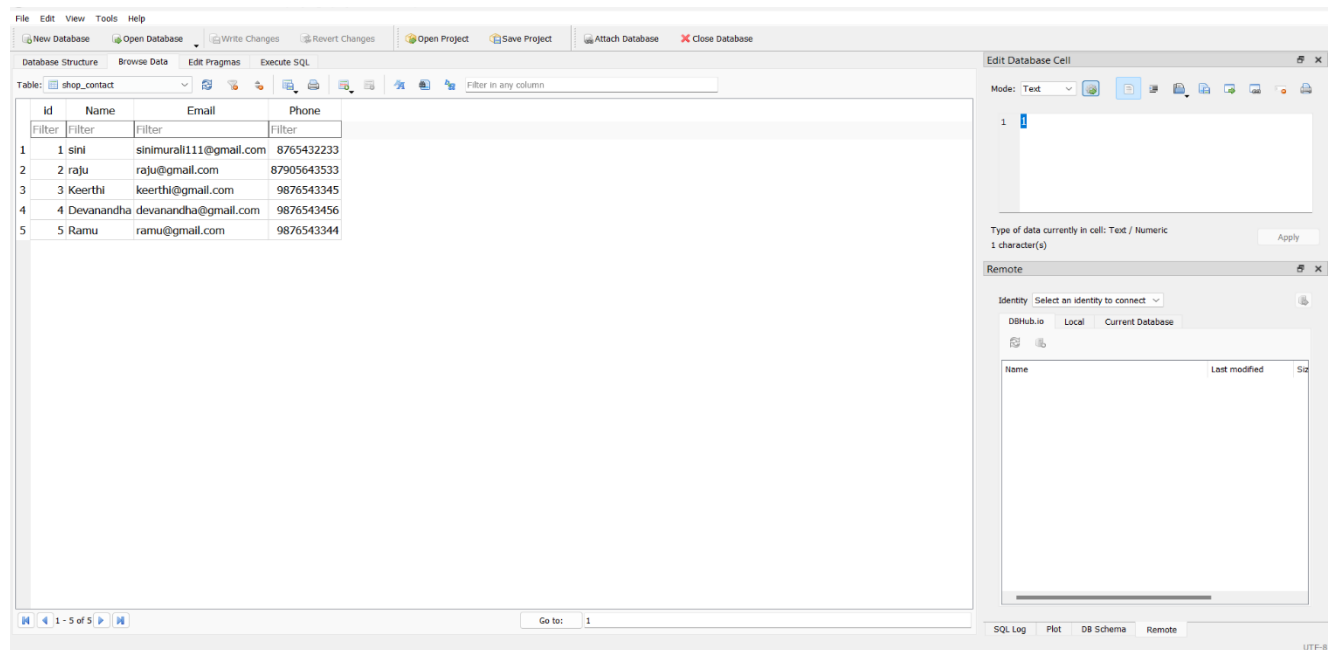
5 contacts

ADD CONTACT +

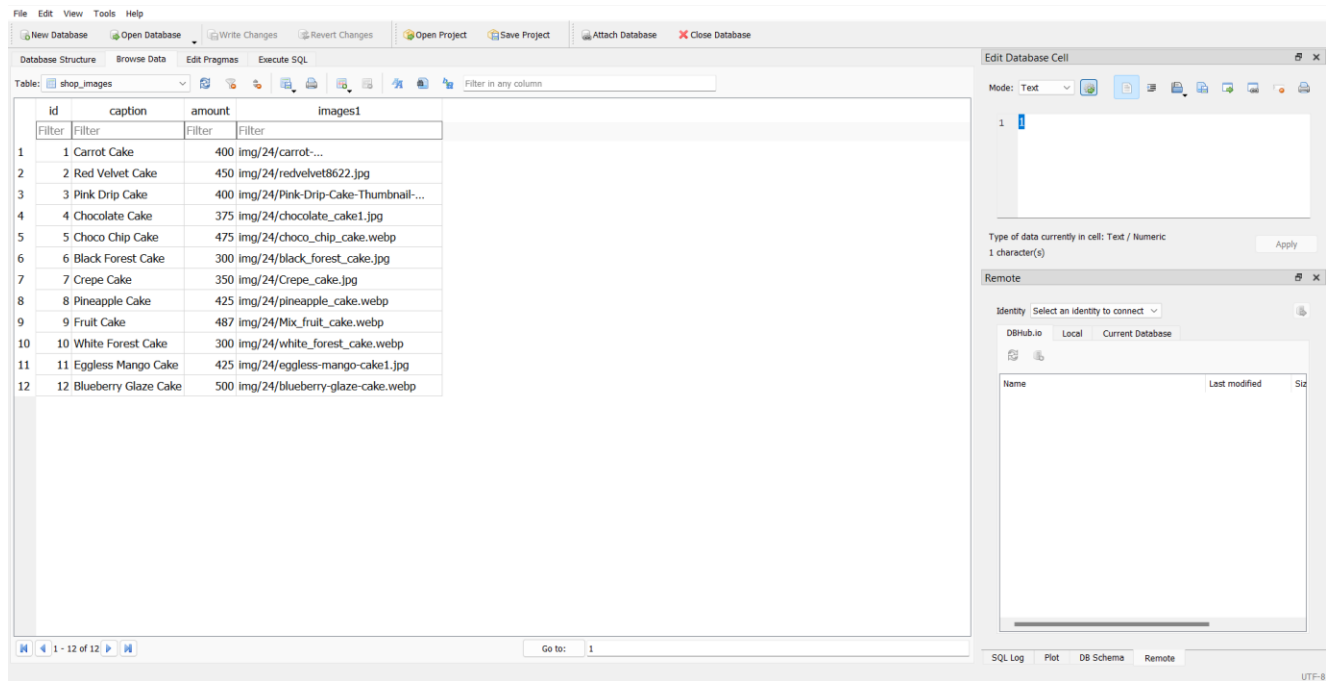
ADMIN PAGE OF IMAGES



DB SQLITE PAGE OF CONTACT



DB SQLITE PAGE OF IMAGES



The screenshot shows a database management interface with a table named 'shop_images'. The table has four columns: 'id', 'caption', 'amount', and 'images1'. The data is as follows:

	id	caption	amount	images1
1	1	Carrot Cake	400	img/24/carrot...
2	2	Red Velvet Cake	450	img/24/redvelvet8622.jpg
3	3	Pink Drip Cake	400	img/24/Pink-Drip-Cake-Thumbnail...
4	4	Chocolate Cake	375	img/24/chocolate_cake1.jpg
5	5	Choco Chip Cake	475	img/24/choco_chip_cake.webp
6	6	Black Forest Cake	300	img/24/black_forest_cake.jpg
7	7	Crepe Cake	350	img/24/Crepe_cake.jpg
8	8	Pineapple Cake	425	img/24/pineapple_cake.webp
9	9	Fruit Cake	487	img/24/Mix_fruit_cake.webp
10	10	White Forest Cake	300	img/24/white_forest_cake.webp
11	11	Eggless Mango Cake	425	img/24/eggless-mango-cake1.jpg
12	12	Blueberry Glaze Cake	500	img/24/blueberry-glaze-cake.webp

CONCLUSION:

The combination of Django framework and SQLite database for the cakeshop project offers a balance of simplicity, flexibility, and efficiency. It empowers developers to create a feature-rich and visually appealing e-commerce platform while maintaining scalability and adaptability for future growth. By leveraging Django's powerful tools and SQLite's lightweight nature, the cakeshop website can provide a seamless and delightful shopping experience for customers while facilitating smooth backend operations and management.