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

**NAME: SINI M**

PUMO TECHNOVATION INDIA PRIVATE LIMITED

# PROJECT TITLE SHEET

# DJANGO E-Commerce Website

## Project Report Submitted

In partial fulfillment of the requirement for the

proficient certificate course

Done By

**SINI M**

Under the guidance of

**SHAKTHI**

Approved by

**BALAMURUGAN TS**

PUMO TECHNOVATION INDIA PRIVATE LIMITED

# 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:

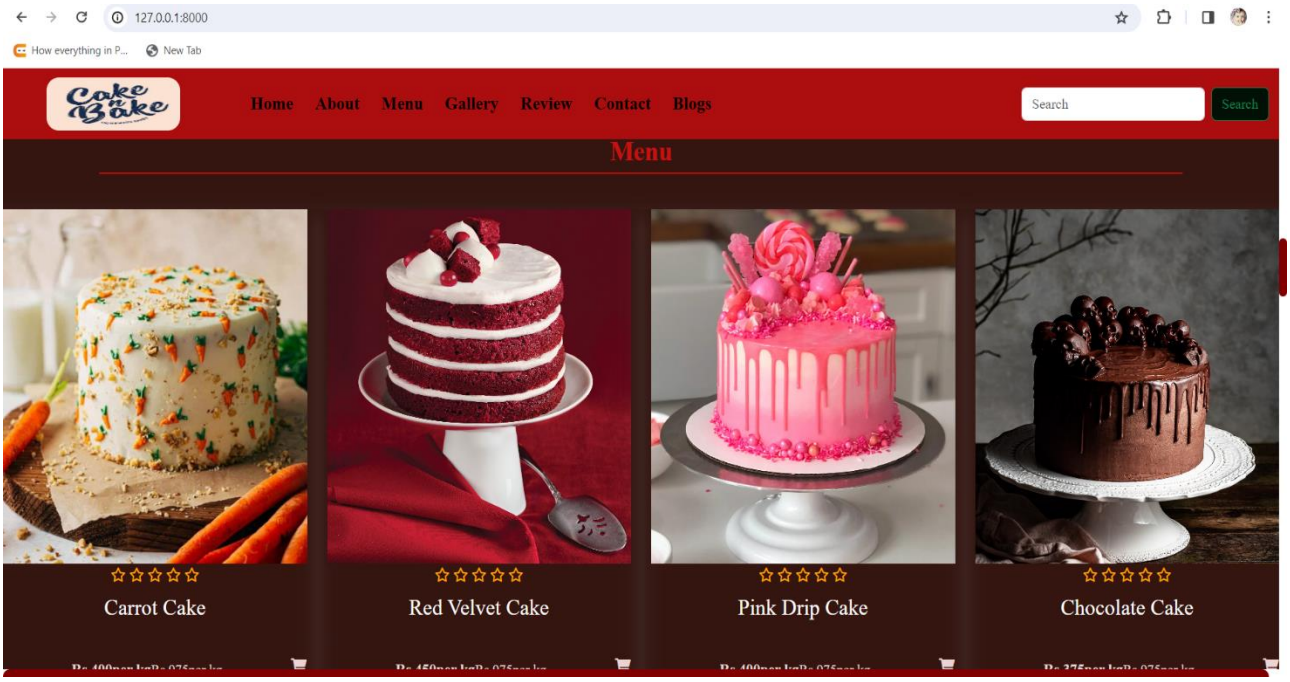
Cascading style sheets (CSS) is the standard language that specifies how to display HTML content: fonts, foreground and background colors, etc. With CSS, you can control the design layout and its components for various devices like desktops, tablets, and smartphones. Examples of the components are the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

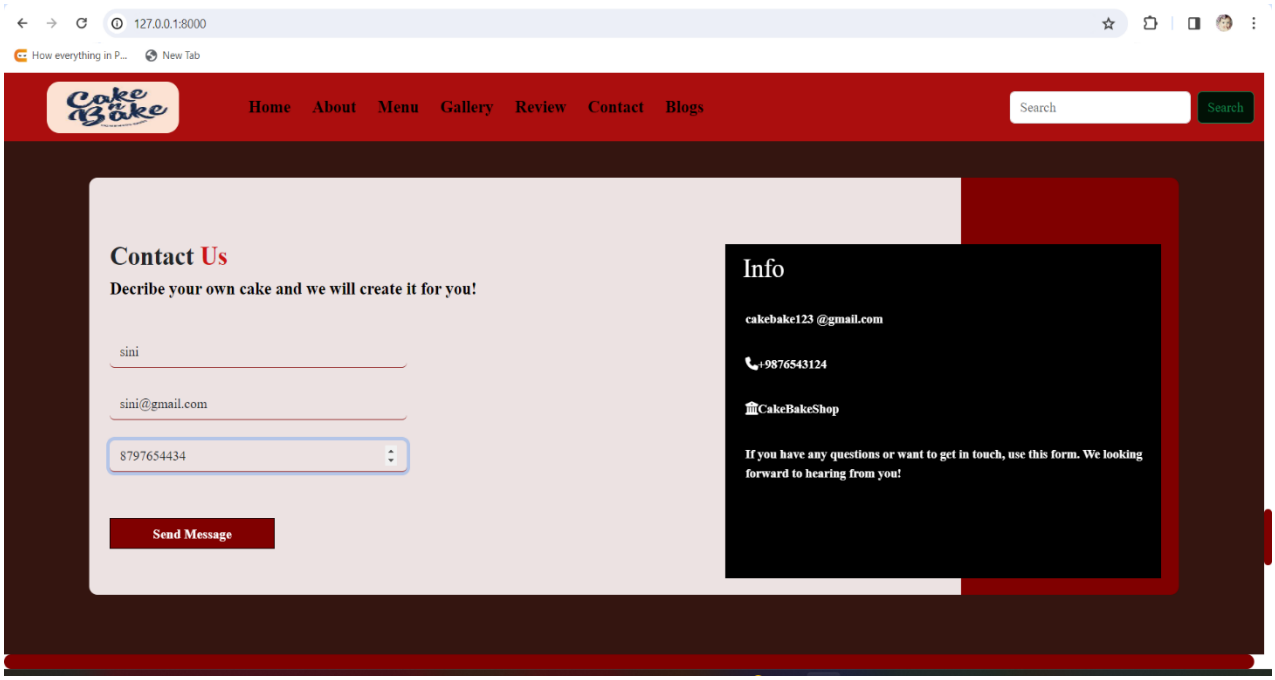
# BOOTSTRAP:

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.

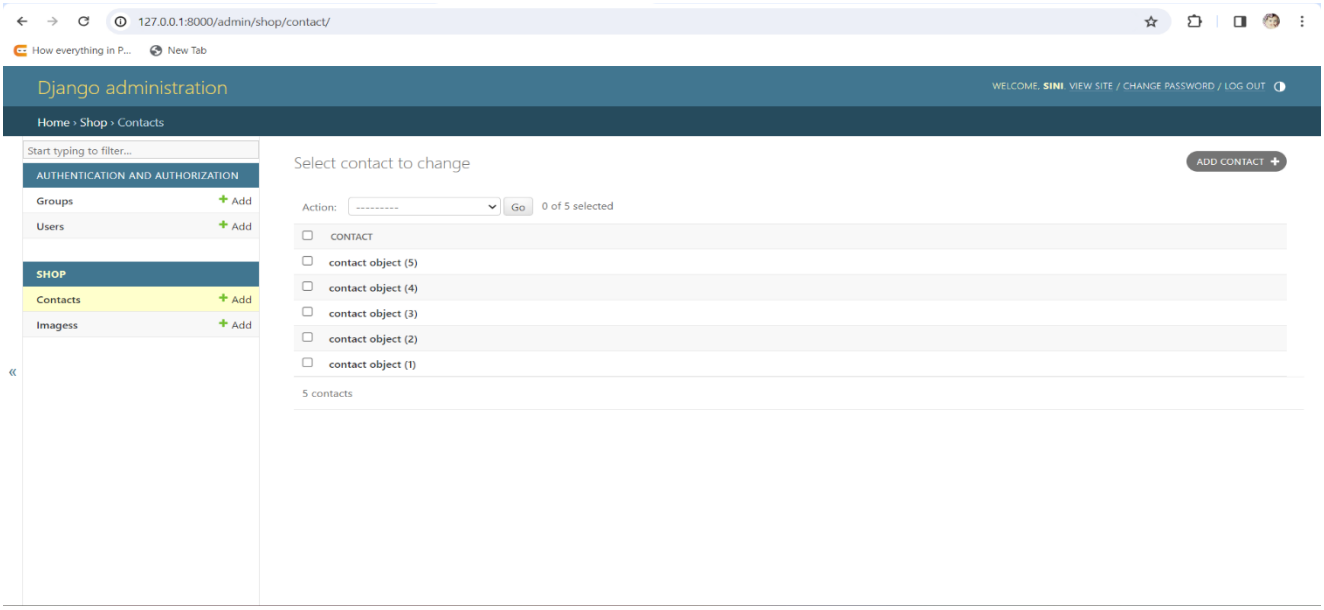
# OUTPUT

## HOMEPAGE

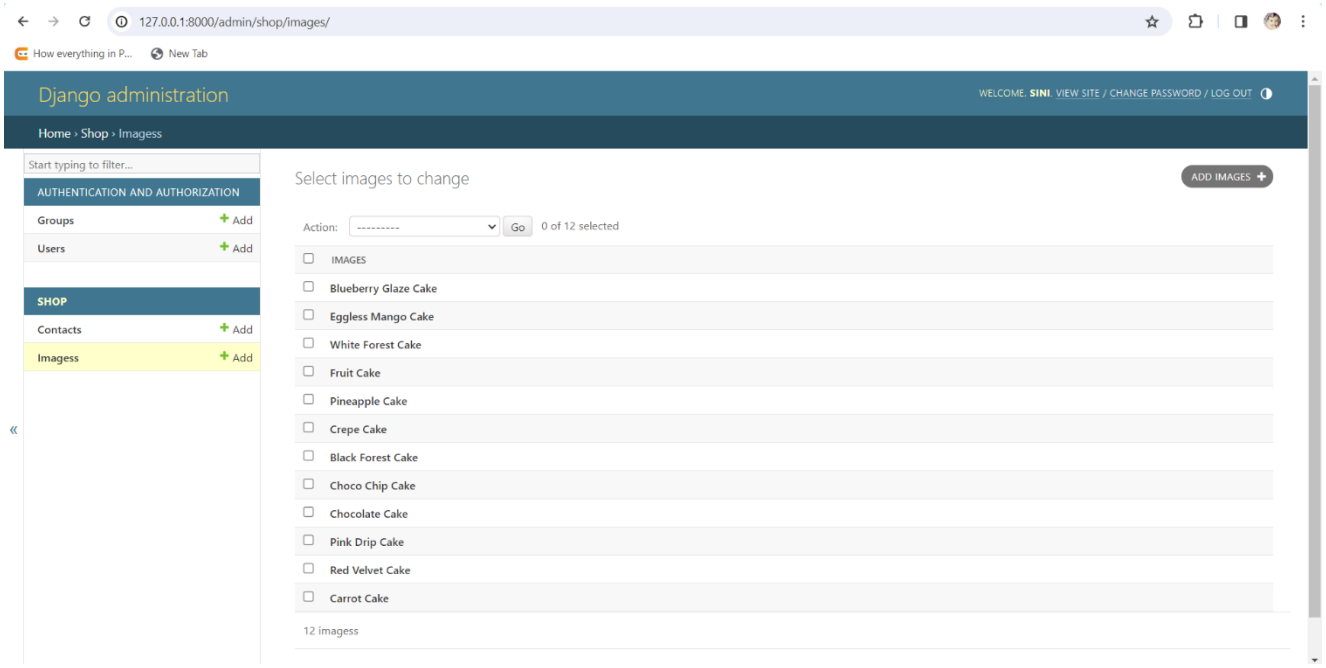




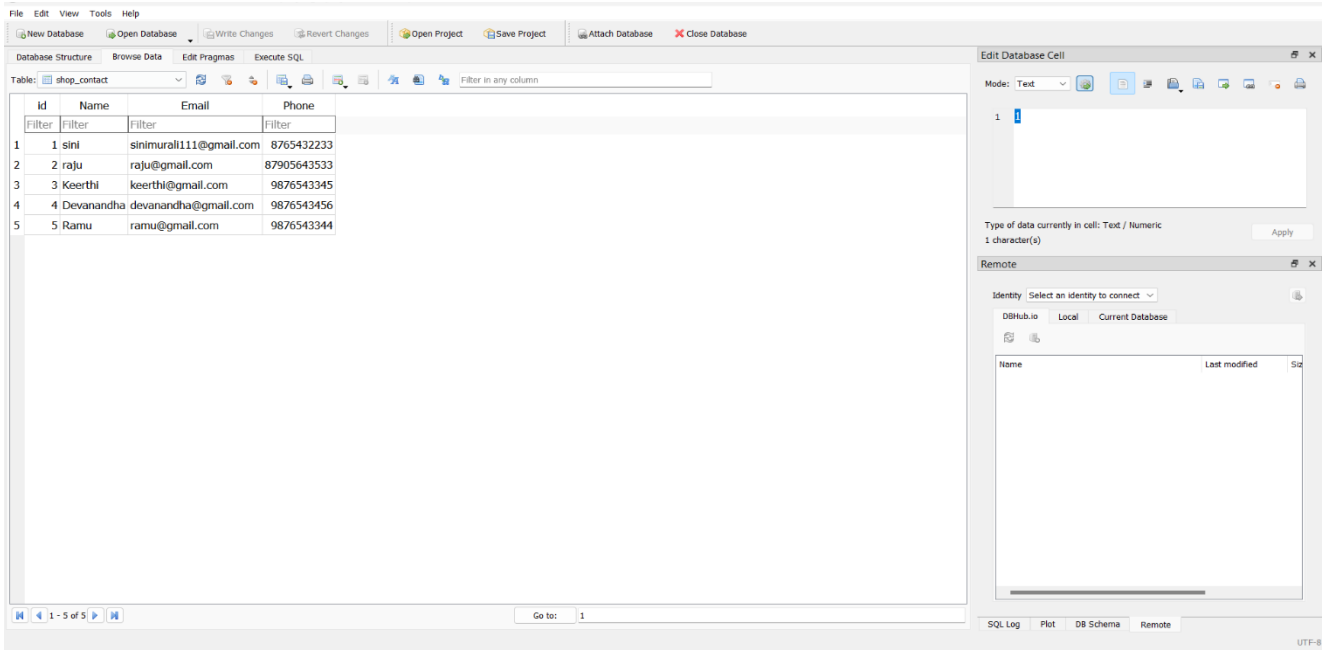

# ADMIN PAGE OF CONTACT US



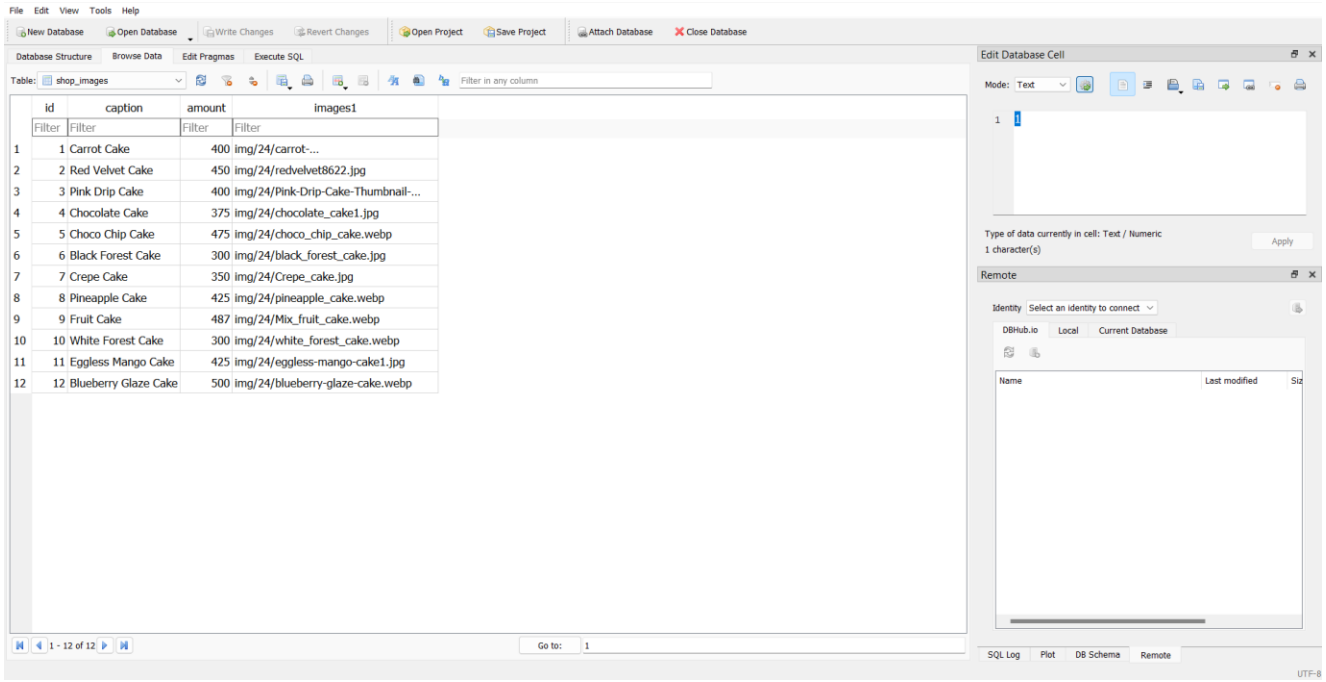
# ADMIN PAGE OF IMAGES




# DB SQLITE PAGE OF CONTACT



# DB SQLITE PAGE OF IMAGES




# 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.