

Django Project Report

This is a Django-based e-commerce website project, users can buy volcanoes on the site, and the site contains a shopping cart, order management and other functions.

Project structure

The project consists of a Django application called Shopping_app and accounts, which contains the following modules:

models.py: defines the model classes, including the Volcano, Cart, CartItem, Address, Order and OrderItem models.

views.py: defines the view functions for handling user requests and rendering templates, and for logging into the system.

urls.py: defines the project's URL configuration, mapping URLs to view functions.

Templates: contains the HTML template files used to render the user interface.

Static: directory: Contains CSS and JavaScript files for beautifying and enhancing the user interface.

Project Features

Users can view a list of volcano models and go to the model details page by clicking on the corresponding model. Users can add Volcano models to the shopping cart and view and manage the added models on the shopping cart page. Users can fill in their delivery address and payment information and confirm their order on the checkout page. The superuser can view the user's order history, view order details, user data and product data.

Project highlights

Django framework, which provides powerful tools and frameworks for the rapid development of web applications. Bootstrap framework, which provides a beautiful and responsive user interface. Sqlite3 database, which provides powerful data persistence and query capabilities.

Project Outlook

Adding user registration and login functionality to provide personalized service and order management. Adding search and filtering functionality to make it easier for users to find the volcano model they need. Adding a recommendation function to help users discover volcano models they may be interested in. Added multi-language support to support global user access.

Conclusion

This project has demonstrated the power of the Django framework and how modern techniques and tools can be used to develop high-quality web applications. In the future, the project can be further improved and extended to provide a better experience and service to users.

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