**Project Documentation:**

**vishkart E-Commerce Website**

**Overview:**

This project is an E-commerce website built using Django, a Python web framework. It allows users to browse through different product categories, view product details, add products to their cart, and manage their favourite products.

**Key Features:**

**User Authentication:** Users can register, login, and logout of the website to access personalized features.

**Product Browsing**: Users can browse through different product categories to view available products.

**Product Details:** Detailed information about each product, including name, vendor, price, and description, is displayed.

**Cart Functionality:** Users can add products to their cart, specify the quantity, and view the total cost of items in the cart.

**Favourite Products:** Users can mark products as favourites and view them in a dedicated section.

**Responsive Design:** The website is designed to be responsive, ensuring a seamless user experience across devices.

**Technologies Used:**

**Django:** Python web framework for backend development.

**HTML/CSS:** Frontend markup and styling.

**JavaScript:** Used for client-side interactivity.

**Bootstrap:** Frontend framework for responsive design.

**MySQL:** Database management system for storing product and user data.

**Project Structure:**

**Models:** Define database models for products, categories, carts, and favorites.

**Views**: Implement business logic and request handling for different functionalities.

**Templates:** HTML templates for rendering dynamic content and user interfaces.

**Static Files:** CSS, JavaScript, and image files for styling and interactivity.

**URLs:** Define URL patterns and their corresponding views.

**Forms:** Implement forms for user input validation and data submission.

**Usage:**

Clone the project repository to your local machine.

Install Python and Django if not already installed.

Set up the database and migrate initial data using Django's migration commands.

Run the Django development server.

Access the website through a web browser and explore its features.

**Conclusion**:

This E-commerce website project provides a basic yet functional platform for users to browse, shop, and manage their favorite products. It demonstrates the use of Django and related technologies to build a dynamic web application with essential e-commerce functionalities. Further enhancements and customization can be implemented based on specific business requirements.