Django E-commerce Project Requirements

Requirements:

1. User Authentication and Authorization:
   - Users should be able to register (implement OTP validation for email), log in, log out, and reset their password.
   - Users should be able to login using email and password.
   - User roles should include customer and Admin.
   - Only admin users should have access to all features.

2. Product Management:
   - Admin should be able to add, edit, and delete products.
   - Each product should have a name, description, price, image(s), category, and available quantity.
   - Products should be organized into categories for easy navigation.

3. Shopping Cart:
   - Users should be able to add products to their shopping cart.
   - Users should be able to view their cart, update quantities, and remove items.
   - Cart contents should persist between sessions for logged-in users.

4. Checkout Process:
   - Users should be able to proceed to checkout from their shopping cart.
   - Checkout process should include shipping address, payment method selection, and order summary.
   - Orders should be confirmed via email to the user.

5. Order Management:
   - Users should be able to view their order history and order details.
   - Admin should have access to view all orders, update order status, and manage orders.

6. Search and Filtering:
   - Users should be able to search for products by name, category, or price range.
   - Provide filtering options to refine product listings by category, price, and other attributes.

7. User Reviews and Ratings:
   - Allow users to leave reviews and ratings for products.
   - Display average ratings and reviews on product pages to aid in purchasing decisions.