

Shopz: Smart E-Commerce with AI Chatbot and Global Payments

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Abstract: *This paper presents Shopz, a Django-based e-commerce platform designed to enhance online shopping through AI-driven customer support and seamless payment integration. The system utilizes SQLite for efficient database management and integrates PayPal to facilitate secure international transactions. A key feature of Shopz is its AI-powered chatbot, which provides real-time assistance, answering customer queries, guiding them through the shopping process, and improving overall user engagement. The platform is built with a scalable and modular architecture, ensuring flexibility for future enhancements and integration with additional services. By leveraging these technologies, Shopz offers a smart and user-friendly e-commerce experience*

Keywords: E-commerce, Django, AI chatbot, large language models, product recommendation, payment gateway, PayPal integration, security, NLP, SQLite, MVC architecture