# Report for SoleFit E-Commerce Website

## Introduction

SoleFit is an advanced e-commerce platform designed for shoe retail. Built using React.js for the frontend, Node.js for the backend, and SQL as the database, the platform ensures a seamless shopping experience for customers while empowering administrators with robust management tools. The application is hosted online, integrating security and scalability.

## Core Features

### 1. Domains

**Customer Domain:**

- Secure registration and login with hashed passwords.
- Browse products, add to cart, buy products, and place orders.
- Navigate pages like Home, Products, About Us, Privacy Policy, and Contact Us.

**Admin Domain:**

- Secure registration and login using hashed passwords.
- **Management Capabilities:**
    - Customers.
    - Customer requests.
    - Orders.
    - Products.

### 2. Security Features

- Passwords are securely hashed for both customers and admins.
- JWT token functionality for secure authentication across sessions.

## Technologies Used

- **Frontend**: React.js.
- **Backend**: Node.js.
- **Database**: SQL.
- **Hosting**: Online deployment.

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# Conclusion

SoleFit demonstrates a robust e-commerce system with an intuitive interface and powerful backend. By prioritizing security with hashed passwords and JWT tokens, it ensures data integrity and user trust. This project is an excellent foundation for scaling into a comprehensive retail platform.

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