Certainly, here are the non-functional requirements for the Wholesale System Web application

**Performance**:

**Responsiveness**: The system should respond to user interactions within 1-2 seconds for optimal user experience.  
**Scalability**: The application should be scalable to handle increased loads during peak usage times.

**Security**:  
**Data Encryption**: All sensitive data, including user credentials and payment information, must be encrypted both in transit and at rest.  
**Authentication**: User authentication should be secure and protect against common threats like brute force attacks.  
**Authorization**: Role-based access control should be in place to ensure that users can only access authorized resources.  
**Session Management**: Implement secure session management to prevent session hijacking.  
**Data Privacy**: Ensure compliance with data protection laws and regulations, such as GDPR, to protect user data.  
**Availability**: The system should be available 24/7 with minimal downtime for maintenance.  
**Fault Tolerance**: The application should gracefully handle errors, ensuring it does not crash or lose data in case of unexpected failures.  
**Backup and Recovery**: Regular data backups and a robust disaster recovery plan should be in place to recover from data loss or system failures.

**Usability**:  
**User-Friendly Interface**: The user interface should be intuitive and easy to use, with clear navigation and accessibility features.  
**Mobile Responsiveness**: The application should be responsive and usable on various devices, including mobile phones and tablets.

**Scalability**:  
**Horizontal Scalability**: The system should support horizontal scaling to accommodate a growing user base and increased product catalog.

**Code Documentation**: Code should be well-documented to facilitate understanding and maintenance by developers.

**Third-Party Integrations**:  
API Reliability: When using third-party APIs, ensure their reliability and implement fallback mechanisms in case of API failures.