

Business Requirements

1. User Authentication and Authorization:

Description: The system must implement secure user authentication and authorization mechanisms to ensure that only authorized users can access and perform actions within the Amazon platform.

Criteria:

- Users must be able to register for an account with unique credentials.
- Passwords must be securely stored using industry-standard encryption methods.
- User roles and permissions should be defined to control access to specific features and data.

2. Product Information Accuracy:

Description: The project must ensure that product information is accurate, up-to-date, and aligned with the preferences and wishlists of end users.

Criteria:

- Real-time synchronization with product databases.
- Regular updates of product information based on user activity and market trends.
- Accuracy validation through user feedback and system monitoring.

3. Flexible User Profiles:

Description: The Amazon system should allow users to customize their profiles to align with individual preferences and needs.

Criteria:

- Users can personalize their profiles, including preferences for recommendations and communication.
- Profile settings should be easily accessible and modifiable.
- Adaptive features that learn and adjust based on user interactions.

4. Legal and Regulatory Compliance:

Description: The project must comply with all relevant laws, regulations, and industry standards governing e-commerce and data privacy.

Criteria:

- Regular audits to ensure compliance with regional and international regulations.
- Data protection features aligned with GDPR or other applicable standards.
- Transparent communication with users regarding privacy policies and terms of service.

5. Intuitive User Interface:

Description: The Amazon system must feature an intuitive and user-friendly interface to enhance the overall user experience.

Criteria:

- Clear and easily navigable website layout.
- Consistent design elements for coherence across pages.
- Accessibility features for users with diverse needs.

6. Efficient Ordering Process:

Description: The ordering process should be streamlined to provide a seamless and efficient experience for users.

Criteria:

- One-click ordering option for registered users.
- User-friendly and secure checkout process.
- Order tracking and modification features.

7. Wishlist Functionality:

Description: The system should provide robust wishlist management features for users.

Criteria:

- Users can create, edit, and organize wishlists effortlessly.
- Wishlist sharing and collaboration options.
- Automated notifications for wishlist item changes.

8. Enhanced Search Functionality:

Description: The search functionality should be advanced and efficient, helping users find products easily.

Criteria:

- Accurate and relevant search results.
- Advanced search filters based on various criteria.
- AI-driven recommendations for improved discovery.

9. Performance and Scalability:

Description: The system must maintain optimal performance, even during peak usage, and be scalable for future growth.

Criteria:

- Regular performance testing to identify and address bottlenecks.
- Scalability features to accommodate increased user traffic.
- Monitoring tools for performance analysis.

10. Feedback Mechanism:

Description: The system should incorporate a feedback mechanism for users to share reviews and ratings.

Criteria:

- User-friendly feedback submission forms.
- Review moderation to ensure authenticity.
- Utilization of feedback for continuous improvement.

11. Integration with Third-Party Services:

Description: Seamless integration with third-party services to enhance the overall user experience.

Criteria:

- Secure and reliable integration with payment gateways.
- Efficient collaboration with shipping services for timely deliveries.
- Integration with customer support platforms for issue resolution.

12. Mobile Responsiveness:

Description: The Amazon system should be responsive and provide a consistent user experience across various devices, especially mobile devices.

Criteria:

- Responsive design for optimal viewing on different screen sizes.
- Mobile-specific features to enhance usability.
- Cross-browser compatibility.

Conclusion:

These business requirements aim to ensure the development of a secure, flexible, and user-friendly Amazon platform that complies with legal and regulatory standards while offering a

seamless and efficient experience for end users. Adjust and customize these requirements based on the specific goals and scope of your Amazon project.