

Business Requirements:

User Registration and Authentication
Product Management
Order Management
Payment Gateway
User experience enhancement
Customer support and communication
Security of data
Analysis of user data so that it can recommend similar products
Responsiveness of webpage
Social media integration

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