

Business Requirements

Introduction:

The following consolidated set of business requirements aims to guide the development of a secure, flexible, and user-friendly Amazon platform while ensuring compliance with legal and regulatory standards. These requirements encompass aspects such as user authentication, product information accuracy, flexible user profiles, legal compliance, intuitive user interface, efficient ordering processes, Wishlist functionality, enhanced search, performance, scalability, feedback mechanisms, integration with third-party services, mobile responsiveness, and multi-language/multi-currency support.

1. User Authentication and Authorization:

Description: Implement secure user authentication and authorization mechanisms for platform access.

Criteria:

- Users can register with unique credentials.
- Secure storage of passwords using industry-standard encryption.
- Define user roles and permissions.

2. Product Information Accuracy:

Description: Ensure accurate, up-to-date product information aligned with user preferences.

Criteria:

- Real-time synchronization with product databases.
- Regular updates based on user activity and market trends.
- Validate accuracy through user feedback and system monitoring.

3. Flexible User Profiles:

Description: Allow users to customize profiles to match individual preferences.

Criteria:

- Personalize profiles with preferences and communication settings.
- Accessible and modifiable profile settings.
- Adaptive features based on user interactions.

4. Legal and Regulatory Compliance:

Description: Comply with e-commerce and data privacy laws and standards.

Criteria:

- Regular audits for regional and international compliance.
- Data protection features aligned with GDPR.
- Transparent communication on privacy policies.

5. Intuitive User Interface:

Description: Feature a user-friendly interface for an enhanced user experience.

Criteria:

- Clear and navigable website layout.
- Consistent design elements.
- Accessibility features for diverse user needs.

6. Efficient Ordering Process:

Description: Streamline the ordering process for a seamless user experience.

Criteria:

- One-click ordering for registered users.
- User-friendly and secure checkout.

- Order tracking and modification features.

7. Wishlist Functionality:

Description: Provide robust Wishlist management features.

Criteria:

- Effortless creation, editing, and organization of Wishlist.
- Wishlist sharing and collaboration options.
- Automated notifications for Wishlist changes.

8. Enhanced Search Functionality:

Description: Implement advanced and efficient search features.

Criteria:

- Accurate and relevant search results.
- Advanced search filters.
- AI-driven recommendations for improved discovery.

9. Performance and Scalability:

Description: Maintain optimal performance and scalability.

Criteria:

- Regular performance testing.
- Scalability features for increased user traffic.
- Monitoring tools for performance analysis.

10. Feedback Mechanism:

Description: Incorporate a feedback mechanism for user reviews and ratings.

Criteria:

- User-friendly feedback submission forms.
- Review moderation for authenticity.
- Utilize feedback for continuous improvement.

11. Integration with Third-Party Services:

Description: Ensure seamless integration with third-party services.

Criteria:

- Secure integration with payment gateways.
- Collaboration with shipping services.
- Integration with customer support platforms.

12. Mobile Responsiveness:

Description: Ensure a responsive and consistent experience across devices.

Criteria:

- Responsive design for various screen sizes.
- Mobile-specific features for usability.
- Cross-browser compatibility.

13. Multi-Language and Multi-Currency Support:

Description: Support multiple languages and currencies for a global user base.

Criteria: Enhance accessibility and provide a personalized experience.

14. Security and Privacy:

Description: Prioritize the security and privacy of user data.

Criteria:

- Protection of transactions and personal information.
- Safeguard against unauthorized access or breaches.

15. Cross-Browser Compatibility:

Description: Ensure compatibility with various web browsers.

Criteria: Provide a consistent and reliable experience for users.

Conclusion:

These integrated business requirements form a comprehensive framework to guide the development of the Amazon platform. Customization can be applied based on specific project goals and scope, ensuring the creation of a robust, adaptable, and globally accessible e-commerce platform.