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Assignment Software Requirement Engineering

➤ Closed Ended Question:

1. Is it essential for the system to support multiple user accounts?

- ☐ Yes
- ☐ No

2. Should the system provide real-time updates on inventory levels?

- ☐ Yes
- ☐ No

3. Is it necessary for the system to generate daily sales reports?

- ☐ Yes
- ☐ No

4. Should the system have a feature for sending automated email notifications?

- ☐ Yes
- ☐ No

5. Is it important for the system to have backup and restore functionality?

- ☐ Yes
- ☐ No

6. Should the system allow users to import/export data in various formats?

- ☐ Yes
- ☐ No

7. Is it necessary for the system to integrate with existing accounting software?

- ☐ Yes
- ☐ No

8. Should the system have a mobile application for on-the-go access?

- ☐ Yes
- ☐ No

9. Is it essential for the system to support multiple languages?

- ☐ Yes
- ☐ No

10. Should the system provide a feature for managing customer loyalty programs?

- ☐ Yes

- No

11. Is it important for the system to have built-in security features such as encryption?

- Yes
- No

12. Should the system offer 24/7 customer support?

- Yes
- No

➤ **Responses of them:**

1. Is it essential for the system to support multiple user accounts?

- **Yes:** Enables tailored access and permissions.
- **No:** Single-user environment or uniform access.

2. Should the system provide real-time updates on inventory levels?

- **Yes:** Ensures accurate stock management.
- **No:** Infrequent inventory changes or periodic updates suffice.

3. Is it necessary for the system to generate daily sales reports?

- **Yes:** Offers insights for daily decision-making.
- **No:** Lower sales volume or different reporting needs.

4. Should the system have a feature for sending automated email notifications?

- **Yes:** Improves communication and task efficiency.
- **No:** Alternate notification methods or less need for automation.

5. Is it important for the system to have backup and restore functionality?

- **Yes:** Essential for data protection and recovery.
- **No:** Lower data loss risk or alternate backup methods.

6. Should the system allow users to import/export data in various formats?

- **Yes:** Enhances data exchange and interoperability.
- **No:** Minimal data exchange needs or handled differently.

7. Is it necessary for the system to integrate with existing accounting software?

- **Yes:** Streamlines financial processes and accuracy.

- **No:** Manual financial processes or separate systems.
8. **Should the system have a mobile application for on-the-go access?**
- **Yes:** Provides flexibility and convenience.
 - **No:** Desktop-centric usage or sufficient web access.
9. **Is it essential for the system to support multiple languages?**
- **Yes:** Increases accessibility and usability.
 - **No:** Single-language user base or low priority for localization.
10. **Should the system provide a feature for managing customer loyalty programs?**
- **Yes:** Enhances customer retention and sales.
 - **No:** No loyalty programs or managed differently.
11. **Is it important for the system to have built-in security features such as encryption?**
- **Yes:** Protects sensitive data and ensures compliance.
 - **No:** Lower security concerns or handled externally.
12. **Should the system offer 24/7 customer support?**
- **Yes:** Ensures timely assistance and user satisfaction.
 - **No:** Limited support needs or sufficient business hours support.

➤ **Stakeholders of the System:**

- **Bookstore Owners:** They require efficient management tools to run their businesses smoothly.
- **Store Managers:** They need user-friendly interfaces to manage inventory and sales.
- **Customers:** They expect smooth transactions and good service.
- **Developers:** They are responsible for creating and maintaining the system.
- **IT Administrators:** They ensure the system runs smoothly and securely.

➤ **Functional Requirements:**

- The system should allow users to add, update, and remove book records.
- It must provide sales tracking functionality.

- Users should be able to manage customer records.
- The system must generate various reports, including sales reports.
- It should have a user-friendly interface.
- Users should be able to search for books easily.
- The system should facilitate feedback and review management.

➤ **Non-Functional Requirements:**

- The system should be responsive, even with a large amount of data.
- It must be secure, protecting sensitive information.
- It should have high availability to ensure uninterrupted operation.
- The system should be scalable to accommodate future growth.
- It should be compatible with various devices and browsers.
- The user interface should be aesthetically pleasing and intuitive.

✓ **References:**

1. Amaresan, S. (2023, May 15). 28 Questionnaire Examples, Questions, & Templates to Survey Your Clients. *blog.hubspot.com*.
<https://blog.hubspot.com/service/questionnaire#questionnairetemplates>