COMSATS University Islamabad

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Department of Computer Science(SE-3):

Submitted To:

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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?**

   o Yes o

   No

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

   o Yes o

   No

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

   o Yes o

   No

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

   o Yes o

   No

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

   o Yes o

   No

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

   o Yes o

   No

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

   o Yes o

   No

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

   o Yes o

   No

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

    o Yes

    o 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

⭕ <u>Responses of them:</u>

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.

O 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