Business Requirements

Date	20 october2023
Team ID	NM2023TMID02112
Project Name	Food Tracking System
Maximum Marks	4 Marks

1. **Introduction:**
   - Overview of the food tracking system and its purpose.
   - Explanation of the need for the system in your business.

2. **Business Objectives:**
   - Clearly defined goals that the food tracking system should help achieve.
   - Specific metrics that will be used to measure the success of the system.

3. **Scope of the Project:**
   - Detailed description of the functionalities and features that the system should have.
   - Identification of the key stakeholders who will be involved in the project.

4. **Functional Requirements:**
   - Detailed explanation of the specific functions that the system should perform.
   - Examples might include inventory management, food quality tracking, expiration date monitoring, and supply chain management.

5. **Non-Functional Requirements:**
   - Description of the performance, security, and scalability expectations for the system.
   - Consideration of factors such as system reliability, data security, and user accessibility.

6. **User Requirements:**
   - Identification of the different types of users who will interact with the system.
   - Explanation of their specific needs and expectations from the food tracking system.

7. **Data Management:**
   - Specification of the data that will be collected and stored by the system.
   - Discussion of data handling procedures, including data backup and data retention policies.

8. **Integration Requirements:**
   - Identification of any existing systems that the food tracking system needs to integrate with.
   - Description of the integration process and any potential challenges.

9. **Regulatory Compliance:**
   - Explanation of the regulatory requirements that the system must adhere to.
   - Consideration of any industry-specific regulations related to food safety and tracking.

10. **Constraints and Assumptions:**
    - Identification of any limitations or constraints that might impact the development and implementation of the system.
    - Documentation of any assumptions made during the planning process.

11. **Risks and Mitigation Strategies:**
    - Identification of potential risks associated with the development and implementation of the system.
    - Proposal of strategies to mitigate these risks and ensure the successful execution of the project.
12. **Timeline and Budget:**
    - Development of a realistic timeline for the implementation of the food tracking system.
    - Estimation of the budget required for the development, implementation, and maintenance of the system.
13. **Testing and Quality Assurance:**
    - Description of the testing methodologies that will be used to ensure the reliability and accuracy of the system.
    - Proposal of a quality assurance plan to identify and resolve any potential issues.
14. **Training and Support:**
    - Proposal of a training plan for the users who will be interacting with the system.
    - Explanation of the support services that will be provided to ensure the effective use of the system.
15. **Documentation:**
    - Proposal of a documentation plan for the system, including user manuals and technical documentation.
    - Explanation of the process for updating and maintaining the documentation.
16. **Future Enhancements:**
    - Consideration of potential future enhancements or updates that might be implemented to improve the system.
    - Proposal of a plan for the continuous improvement of the food tracking system.
17. **Approval and Sign-Off:**
    - Identification of the stakeholders who need to approve the business requirements document.
    - Establishment of a process for obtaining their approval and sign-off.

By including these components in your business requirements document, you can ensure that the food tracking system meets the specific needs of your business and aligns with your overall objectives and goals.