**Business Requirement Specification (BRS) Template**

Title: Pizza Hut

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1. Introduction

* **Purpose**: The purpose of the pizza hut system is to provide customers with a convenient and efficient way to order pizzas and other menu items online.
* **Scope:** The system will cover online ordering functionality, including menu browsing, customization, payment processing, and order tracking.
* **Background**: This allows customers to view menus, customize their orders, and place requests through a user-friendly interface.

2. Business Objectives

* **Objective 1**: Provide real time interface for pizza service.
* **Objective 2**: User should be able to order pizza.
* **Objective 3**: User should be able to cancel the order.
* **Objective 4**: User should be able to view ordes.

3. Functional Requirements

* **Requirement 1**: **User Login**
* Customers should be able to create accounts with personal information.
* **Requirement 2:** **Menu Browsing**
* The system should display a comprehensive menu with categories for pizzas, sides, drinks, and desserts.
* Users should be able to browse menu items, view detailed descriptions, and see prices.
* **Requirement 3**: **Order Customization**
* Users should have the ability to customize their pizza orders by selecting toppings, crust types, and sizes.
* Additional options for sides and drinks should be available for customization.
* **Requirement 3**: **Order Placement and Cancellation**
* Users should be able to review and confirm their orders before submission.
* Users should be able to Cancel the order according to the cancellation policy.
* **Requirement 4:** **Payment Processing.**
* Support various payment methods, including credit/debit cards, digital wallets, etc.
* **Requirement 5: Customer Feedback.**
* Customer should be able to give the feedback of service provided.
* Maintain a help centre with FAQs, guides, and contact information.

4. Non-Functional Requirements

* **Requirement 1**: **Performance.**
* The system should respond to user actions within a maximum of 3 seconds.
* It should support a minimum of 500 simultaneous user connections during peak times.
* **Requirement 2**: **Security.**
* All transactions and user data should be encrypted using industry-standard protocols.
* The system should have measures in place to prevent unauthorized access, such as secure user authentication.
* **Requirement 3**: **Availability**
* The system should be available 24/7, with scheduled maintenance windows communicated to users in advance.
* **Requirement 4**: **Data Management**
* The system should perform regular backups of user data and order history.
* It should have mechanisms in place to prevent data corruption or loss.
* **Requirement 5**: **Maintenance and Support.**
* The system should be designed with modular components to facilitate updates and maintenance.

5. Use Cases

* **Use Case 1**: New User Registration.
* **Use Case 2**: Search and Book.
* **Use Case 3**: Make a Payment.
* **Use Case 4**: Modify and Cancel Booking.
* **Use Case 5:** Order Tracking

6. Constraints

* **Constraint 1**: **Geographical Constraint.**
* Regional variations in user preferences, regulations, and market conditions, which may affect the system's adaptation in different areas.
* **Constraint 2**: **Regulatory Constraint.**
* Compliance with local and international laws and regulations related to data privacy, consumer protection, and payment processing.
* **Constrain 3: Content and Data Licensing**.
* Constraints related to content and data licensing agreements for hotel listings, images, and other information.

7. Assumptions and Dependencies

* **Dependency 1**: **Payment Gateway**
* The system relies on third-party payment gateways for processing customer payments securely. Dependencies on the availability and functionality of these gateways are critical.
* **Assumption 1**: **User Authentication**
* Users are assumed to have valid email addresses or mobile phone numbers that can be used for registration and authentication. Users are also assumed to provide accurate information during registration.