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import sqlite3

# Connect to the SQLite database
conn = sqlite3.connect('chocolate_house.db')
cursor = conn.cursor()

# Create tables for seasonal flavors, ingredient inventory, and customer suggestions
def create_tables():
    cursor.execute('''
        CREATE TABLE IF NOT EXISTS seasonal_flavors (
            id INTEGER PRIMARY KEY AUTOINCREMENT,
            name TEXT NOT NULL,
            description TEXT
        )
    ''')

    cursor.execute('''
        CREATE TABLE IF NOT EXISTS ingredient_inventory (
            id INTEGER PRIMARY KEY AUTOINCREMENT,
            ingredient_name TEXT NOT NULL,
            quantity INTEGER NOT NULL,
            unit TEXT NOT NULL
        )
    ''')

    cursor.execute('''
        CREATE TABLE IF NOT EXISTS customer_suggestions (
            id INTEGER PRIMARY KEY AUTOINCREMENT,
            customer_name TEXT NOT NULL,
            suggestion TEXT NOT NULL,
            allergy_concerns TEXT
        )
    ''')

    conn.commit()

# Add a seasonal flavor
def add_seasonal_flavor(name, description):
    cursor.execute('''
        INSERT INTO seasonal_flavors (name, description)
        VALUES (?, ?)
    ''', (name, description))
    conn.commit()
    print(f'Seasonal flavor "{name}" added!')
```

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# Add an ingredient to inventory
def add_ingredient(ingredient_name, quantity, unit):
    cursor.execute('''
        INSERT INTO ingredient_inventory (ingredient_name, quantity, unit)
        VALUES (?, ?, ?)
    ''', (ingredient_name, quantity, unit))
    conn.commit()
    print(f'Ingredient "{ingredient_name}" added to inventory!')

# Record a customer suggestion with allergy concerns
def add_customer_suggestion(customer_name, suggestion, allergy_concerns=None):
    cursor.execute('''
        INSERT INTO customer_suggestions (customer_name, suggestion, allergy_concerns)
        VALUES (?, ?, ?)
    ''', (customer_name, suggestion, allergy_concerns))
    conn.commit()
    print(f'Suggestion from {customer_name} added!')

# View all seasonal flavors
def view_seasonal_flavors():
    cursor.execute('SELECT * FROM seasonal_flavors')
    flavors = cursor.fetchall()
    print("Seasonal Flavors:")
    for flavor in flavors:
        print(f'ID: {flavor[0]}, Name: {flavor[1]}, Description: {flavor[2]}')

# View all ingredients in inventory
def view_ingredient_inventory():
    cursor.execute('SELECT * FROM ingredient_inventory')
    ingredients = cursor.fetchall()
    print("Ingredient Inventory:")
    for ingredient in ingredients:
        print(f'ID: {ingredient[0]}, Name: {ingredient[1]}, Quantity: {ingredient[2]} {ingredient[3]}')

# View all customer suggestions
def view_customer_suggestions():
    cursor.execute('SELECT * FROM customer_suggestions')
    suggestions = cursor.fetchall()
    print("Customer Suggestions:")
    for suggestion in suggestions:
        print(f'ID: {suggestion[0]}, Customer: {suggestion[1]}, Suggestion: {suggestion[2]}, Allergy
Concerns: {suggestion[3]}')
```

```
# Main application logic
def main():
    create_tables()

    while True:
        print("\nChocolate House Management System")
        print("1. Add Seasonal Flavor")
        print("2. Add Ingredient to Inventory")
        print("3. Add Customer Suggestion")
        print("4. View Seasonal Flavors")
        print("5. View Ingredient Inventory")
        print("6. View Customer Suggestions")
        print("0. Exit")

        choice = input("Enter your choice: ")

        if choice == '1':
            name = input("Enter flavor name: ")
            description = input("Enter flavor description: ")
            add_seasonal_flavor(name, description)
        elif choice == '2':
            ingredient_name = input("Enter ingredient name: ")
            quantity = int(input("Enter quantity: "))
            unit = input("Enter unit (e.g., kg, g, ml): ")
            add_ingredient(ingredient_name, quantity, unit)
        elif choice == '3':
            customer_name = input("Enter customer name: ")
            suggestion = input("Enter flavor suggestion: ")
            allergy_concerns = input("Enter any allergy concerns (or leave blank): ")
            add_customer_suggestion(customer_name, suggestion, allergy_concerns)
        elif choice == '4':
            view_seasonal_flavors()
        elif choice == '5':
            view_ingredient_inventory()
        elif choice == '6':
            view_customer_suggestions()
        elif choice == '0':
            break
        else:
            print("Invalid choice. Please try again.")

    conn.close()

# Run the main function
```

```
if __name__ == "__main__":
    main()
```