Test Plan Format

CAKE SHOP PRODUCT & ORDER MANAGEMENT SYSTEM	
Test Plan ID	1
Brief Introduction about the system.	To simplify and automate the management of product listing, inventories and customer orders of expanded cake shop.
Test Objectives	1. Provide functionalities for adding, updating, and deleting cake products. 2. To make database that is consistent, reliable and secure. 3. Automate and simplify the core business processes of a cake shop. 4. To develop a well-organized information storage system. 5. Increase operational efficiency. 6. Optimize Order Processing 7. Process sales transactions and generate invoices. 8. Generate insightful reports on sales and inventory.
Features to be tested	1. Cake Product Management 2. Database Integrity 3. Order Processing 4. Sales Transactions and Invoices 5. Sales and Inventory Reporting 6. Information Storage System 7. Operational Efficiency 8. Business Process Automation
Test Environment	1. NetBeans 2. MySql WorkBench
Test Approach	Black Box Testing
Testing Tasks	Test plan, Test Environment, Test summary, Test result, Test Evaluation report
Test deliverables	Test plan, Test Environment, Test summary, Test result, Test Evaluation report
Schedule	10th September – 25th September

Test Cases

Cake Product Management	
Test Unit: Cake Product Management	**Tester:** Vorandi
Test Case ID: 01	**Test Type:** Functional Testing
Test Description: Add, Delete, Update, Veiw cake product details to the product table in Cake Shop database.	**Test Execution Date:** 14th September 2024
Title: Cake shop product & order management system	**Test Execution Time:** 8.00 p.m.

Database Integrity	
Test Unit: Database Integrity	**Tester:** Vorandi
Test Case ID: 02	**Test Type:** Database Testing
Test Description: Ensure data consistency and reliability in the product and other tables.	**Test Execution Date:** 14th September 2024
Title: Verify Database Integrity	**Test Execution Time:** 8.00 p.m.

Order Processing	
Test Unit: Cake Product Management	**Tester:** Vorandi
Test Case ID: 03	**Test Type:** Functional Testing
Test Description: Process orders, including creation, modification, and cancellation.	**Test Execution Date:** 18th September 2024
Title: Cake shop product & order management system	**Test Execution Time:** 8.00 a.m.

Sales Transactions and Invoices	
Test Unit: Sales Transactions and Invoices	**Tester:** Vorandi
Test Case ID: 04	**Test Type:** Functional Testing
Test Description: Process sales transactions and generate accurate invoices.	**Test Execution Date:** 22th September 2024
Title: Cake shop product & order management system	**Test Execution Time:** 10.30 p.m.

Sales and Inventory Reporting	
Test Unit: Sales and Inventory Reporting	**Tester:** Vorandi
Test Case ID: 05	**Test Type:** Functional Testing
Test Description: Generate accurate sales and inventory reports	**Test Execution Date:** 23th September 2024
Title: Cake shop product & order management system	**Test Execution Time:** 10.30 a.m.

Information Storage System	
Test Unit: Information Storage System	**Tester:** Vorandi
Test Case ID: 06	**Test Type:** Functional Testing
Test Description: Store and retrieve cake product, order and other information accurately.	**Test Execution Date:** 19th September 2024
Title: Cake shop product & order management system	**Test Execution Time:** 10.30 a.m.

Operational Efficiency	
Test Unit: Operational Efficiency	**Tester:** Vorandi
Test Case ID: 07	**Test Type:** Performance Testing
Test Description: Ensure system operates efficiently under load	**Test Execution Date:** 25th September 2024
Title: Cake shop product & order management system	**Test Execution Time:** 10.30 p.m.

Business Process Automation	
Test Unit: Business Process Automation	**Tester:** Vorandi
Test Case ID: 08	**Test Type:** Functional Testing
Test Description: Automate core business processes for cake shop (order placement, inventory update)	**Test Execution Date:** 25th September 2024
Title: Cake shop product & order management system	**Test Execution Time:** 11.30 p.m.

Step No	Test Step	Test CaseID	Test Input	Expecte dResult	Actual Result	Test Result (Pass/Fail)
01	Add data of a cake product	01	Name: Chocolate Cake, Price: 1500, Quantity: 10	Show "Successfully inserted" pop-up	Successfully inserted pop-up	Pass
02	Update a cake product's price	01	Cake ID: 001, New Price: 1800	Show "Successfully updated" pop-up	Successfully updated pop-up	Pass
03	Delete a cake product	01	Cake ID: 11	Show "Successfully deleted" pop-up	Successfully deleted pop-up	Pass
04	Verify database integrity	02	Check for duplicate entries after adding a product	No duplicate entries found	No duplicate entries found	Pass
05	Automate order processing	03	Create new order, update inventory automatically	Inventory updated automatically	Inventory updated automatically	Pass
06	Retrieve product information	06	Retrieve details of Cake ID: 1	Cake details retrieved correctly	Cake details retrieved correctly	Pass
07	Process new order	05	Order ID: 1001, Cake ID: 001, Quantity: 2	Order processed, inventory updated	Order processed, inventory updated	Pass
08	Process sales transaction	04	Order ID: 1001, Payment Method: Cash	Sales transaction processed, invoice generated	Sales transaction processed, invoice generated	Pass
09	Generate sales report	05	Date range: 01/09/2024 - 30/09/2024	Correct sales report generated	Correct sales report generated	Pass