PROJECT 5: DMDD Online Food Ordering System

SCRIPT FLOW –

1. Use **0_CREATE_ADMIN** script to create admin for Food Ordering System and grant respective permission to that admin (this is to be done by DBA Admin) and also create other roles .
2. Once user FOOD_ORDERING_ADMIN is created by DBA Admin, then connect using FOOD_ORDERING_ADMIN user with the following credentials -
   - USERNAME: FOOD_ORDERING_ADMIN
   - PASSWORD: Foodadmin1234
3. This admin will provide all the necessary access to the all the roles created by the dba .
4. Run **1_CREATE_OBJECTS** script in this user to create required tables, sequences, procedures, triggers, views, and cursors.
5. Next, run **2_INSERT_DATA** script to insert test data in tables.
6. Run **3_DROP_OBJECTS** script to drop all the database objects that were created.
7. **Disconnect from FOOD_ORDERING_ADMIN** user before proceeding to next step.
8. Lastly, run **4_DROP_USER_FROM_DBA_ADMIN** script using DBA Admin to drop

VIEWS:

Reports -

1. View – Dish sales

	RESTAURANT_ID	RESTAURANT_NAME	DISH_ID	DISH_NAME	DISH_CATEGORY	SALES_QTY	SALES_AMOUNT
1	1	INDIAN SPICE	1	SMOKED NACHOS	Appetizer	2	15 $
2	1	INDIAN SPICE	4	CHICKEN FINGERS	Appetizer	0	0 $
3	1	INDIAN SPICE	5	FOUR CHEESE GARLIC BREAD	Appetizer	3	39 $
4	1	INDIAN SPICE	6	STUFFED MSHROOMS	Appetizer	1	12 $
5	1	INDIAN SPICE	8	ROAST BEEF WITH VEGETABLES	Main Course	2	36 $
6	1	INDIAN SPICE	9	CHICKEN AND MUSHROOM PIE	Main Course	0	0 $
7	1	INDIAN SPICE	10	MARRAKESH VEGETERIAN CURRY	Main Course	1	22 $
8	1	INDIAN SPICE	11	EGGPLANT LASAGNE	Main Course	0	0 $
9	1	INDIAN SPICE	14	FRUIT SALAD	DESSERT	4	52 $
10	1	INDIAN SPICE	15	STRAWBERRY PIE	DESSERT	0	0 $
11	1	INDIAN SPICE	17	WAFFLE	DESSERT	0	0 $
12	1	INDIAN SPICE	18	CHOCOLATE CHEESECAKE	DESSERT	0	0 $
13	1	INDIAN SPICE	19	SPARKLING WATER	BEVERAGE	0	0 $
14	1	INDIAN SPICE	20	SODA	BEVERAGE	5	90 $
15	1	INDIAN SPICE	23	ESPRESSO	BEVERAGE	0	0 $
16	1	INDIAN SPICE	24	HOT CHOCOLATE	BEVERAGE	0	0 $
17	2	TASTY BITES	2	BUFFALLO SHRIMP SKEWERS	Appetizer	2	17 $
18	2	TASTY BITES	3	CHILI CHEESE TOTS	Appetizer	0	0 $
19	2	TASTY BITES	7	GRILLED SALMON WITH DILL SAUCE	Main Course	7	119 $
20	2	TASTY BITES	12	RAMEN	Main Course	2	30 $
21	2	TASTY BITES	13	APPLE PIE WITH CREAM	DESSERT	2	36 $
22	2	TASTY BITES	16	GULAB JAMUN	DESSERT	0	0 $
23	2	TASTY BITES	21	DIET SODA	BEVERAGE	10	180 $
24	2	TASTY BITES	22	ENERGY DRINK	BEVERAGE	3	54 $

2. View – Top 10 dishes

	RESTAURANT_ID	RESTAURANT_NAME	DISH_ID	DISH_NAME	DISH_CATEGORY	SALES_QTY	SALES_AMOUNT	DISH_RANK
1	1	INDIAN SPICE	20	SODA	BEVERAGE	5	90 $	1
2	1	INDIAN SPICE	14	FRUIT SALAD	DESSERT	4	52 $	2
3	1	INDIAN SPICE	5	FOUR CHEESE GARLIC BREAD	Appetizer	3	39 $	3
4	1	INDIAN SPICE	8	ROAST BEEF WITH VEGETABLES	Main Course	2	36 $	4
5	1	INDIAN SPICE	10	MARRAKESH VEGETERIAN CURRY	Main Course	1	22 $	5
6	1	INDIAN SPICE	1	SMOKED NACHOS	Appetizer	2	15 $	6
7	1	INDIAN SPICE	6	STUFFED MSHROOMS	Appetizer	1	12 $	7
8	2	TASTY BITES	21	DIET SODA	BEVERAGE	10	180 $	1
9	2	TASTY BITES	7	GRILLED SALMON WITH DILL SAUCE	Main Course	7	119 $	2
10	2	TASTY BITES	22	ENERGY DRINK	BEVERAGE	3	54 $	3
11	2	TASTY BITES	13	APPLE PIE WITH CREAM	DESSERT	2	36 $	4
12	2	TASTY BITES	12	RAMEN	Main Course	2	30 $	5
13	2	TASTY BITES	2	BUFFALLO SHRIMP SKEWERS	Appetizer	2	17 $	6

3. View – Top 10 Customers

All Rows Fetched: 4 in 0.121 seconds

	CUST_ID	CUST_RANK	CUST_FIRST_NAME	CUST_LAST_NAME	NUMBER_OF_ORDERS	SALES_AMOUNT
1	5	1	Girish	Pillai	2	268.05 $
2	3	1	Prasad	Pathak	2	115.54 $
3	10	1	Pragya	Mishra	2	109.68 $
4	9	2	Kartik	Mohan	1	59.79 $

4. View – Monthly Sales

All Rows Fetched: 5 in 0.112 seconds

	RESTAURANT_ID	RESTUARANT_NAME	MONTH	SALES	TOTAL_ORDERS
1	2	TASTY BITES	01–22	158.16 $	2
2	1	INDIAN SPICE	02–22	35.45 $	1
3	2	TASTY BITES	02–22	181.8 $	1
4	1	INDIAN SPICE	03–22	59.79 $	1
5	1	INDIAN SPICE	04–22	117.86 $	2

5. View – Top delivery Person

All Rows Fetched: 2 in 0.015 seconds

	AGENT_ID	AGENT_NAME	AVERAGE_RATING	TOTAL_ORDERS_DELIVERED	AGENT_RANK
1	1	RAJ	4	4	1
2	6	RAJVEER	4	3	1

6.   View Delivery Agent Ratings

SQL | All Rows Fetched: 15 in 0.097 seconds

AGENT_ID	AGENT_USERNAME	AGENT_RATING	DELIVERY_COUNT
1	1 RAJ	3	3
2	2 PUNIT	2.6	0
3	3 KARTIK	4.6	0
4	4 ADITI	1.9	0
5	5 AHUSHKA	5	0
6	6 RAJVEER	3.8	2
7	7 ADITYA	4.2	0
8	8 SARTHAK	1.5	0
9	9 MOHAN	2.2	0
10	10 JANVHI	4.7	2
11	11 PRASAD	4.1	0
12	12 RASHMI	3.9	0
13	13 KRITIKA	2.9	0
14	14 NEHA	5	0
15	15 AYAN	4.4	0

7.   View - Restaurant Service Ratings

SQL | All Rows Fetched: 2 in 0.104 seconds

RESTAURANT_ID	RESTAURANT_NAME	AVERAGE_SERVICE_RATING
1	1 INDIAN SPICE	3
2	2 TASTY BITES	3.67

OTHER VIEWS:

8. View – Menu

Script Output × Query Result ×

SQL | All Rows Fetched: 24 in 0.089 seconds

DISH_ID	RESTAURANT_ID	DISH_NAME	DISH_STATUS	DISH_RATING	PRICE	DISH_CATEGORY
1	1	SMOKED NACHOS	available	4.5	7.5	Appetizer
2	2	BUFFALLO SHRIMP SKEWERS	available	4.1	8.5	Appetizer
3	3	CHILI CHEESE TOTS	available	4	9.5	Appetizer
4	4	CHICKEN FINGERS	available	3.5	6.5	Appetizer
5	5	FOUR CHEESE GARLIC BREAD	available	4.5	13	Appetizer
6	6	STUFFED MSHROOMS	available	4.5	12	Appetizer
7	7	GRILLED SALMON WITH DILL SAUCE	available	4.5	17	Main Course
8	8	ROAST BEEF WITH VEGETABLES	available	4	18	Main Course
9	9	CHICKEN AND MUSHROOM PIE	available	3.5	15	Main Course
10	10	MARRAKESH VEGETERIAN CURRY	available	4.7	22	Main Course
11	11	EGGPLANT LASAGNE	not available	4	25	Main Course
12	12	RAMEN	available	2	15	Main Course
13	13	APPLE PIE WITH CREAM	available	4.8	18	DESSERT
14	14	FRUIT SALAD	available	3	13	DESSERT
15	15	STRAWBERRY PIE	available	4	25	DESSERT
16	16	GULAB JAMUN	available	5	10	DESSERT
17	17	WAFFLE	available	4	15	DESSERT
18	18	CHOCOLATE CHEESECAKE	not available	4.5	15	DESSERT
19	19	SPARKLING WATER	available	4.2	18	BEVERAGE
20	20	SODA	available	4.8	18	BEVERAGE
21	21	DIET SODA	available	4.8	18	BEVERAGE
22	22	ENERGY DRINK	available	4.8	18	BEVERAGE
23	23	ESPRESSO	available	4.5	20	BEVERAGE
24	24	HOT CHOCOLATE	not available	4	8	BEVERAGE

(Note: the RESTAURANT_ID column values shown in the image are 1,2,2,1,1,1,2,1,1,1,1,2,2,1,1,2,1,1,1,1,2,2,1,1 respectively, with DISH_ID matching the first numeric column 1–24.)

9. View – Coupon

COUPON_NAME	LOWER_RANGE	UPPER_RANGE
1 SILVER	30	50
2 GOLD	50	100
3 PLATINUM	100	150

10. View – Restaurant

Script Output × Query Result ×

SQL | All Rows Fetched: 2 in 0.102 seconds

RESTAURANT_ID	MANAGER_ID	RESTAURANT_CONTACT	RESTAURANT_NAME
1	1	8579814056	INDIAN SPICE
2	2	8163273945	TASTY BITES

11. View – Cancelled Orders

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	CUST_ID	ORDER_ID	AMOUNT	ORDER_DATE	PAYMENT_METHOD	PAYMENT_STATUS	ORDER_STATUS
1	1	12	79.18	15-APR-22	DEBIT CARD	Paid	Cancelled
2	6	16	12.12	18-MAR-22	WALLET BALANCE	Paid	Cancelled

12. View – All orders

Script Output ˣ ▶ Query Result ˣ

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	ID	CUST_ID	RESTAURANT_ID	AMOUNT	PAYMENT_METHOD	PAYMENT_STATUS	ORDER_DATE	ORDER_STATUS	DELIVERY_AGENT_NAME
1	1	1	2	116.65	DEBIT CARD	Paid	03-JAN-22 06.14.00.000000000 AM	Preparing	RAJ
2	3	7	2	38.64	CREDIT CARD	Paid	09-APR-22 12.14.37.000000000 PM	Out for delivery	SARTHAK
3	4	5	2	181.8	CREDIT CARD	Paid	27-FEB-22 01.24.00.000000000 AM	Delivered	JANVHI
4	5	2	2	23.18	DEBIT CARD	Paid	21-JAN-22 05.18.19.000000000 PM	Refunded	N/A
5	6	1	1	75.25	WALLET BALANCE	Paid	14-MAR-22 02.17.09.000000000 PM	Placed Successfully	N/A
6	7	3	1	43.63	DEBIT CARD	Paid	20-APR-22 08.56.00.000000000 PM	Delivered	RAJ
7	8	6	2	110.7	DEBIT CARD	Paid	26-MAR-22 04.13.31.000000000 AM	Out for delivery	RAJVEER
8	9	7	1	39.09	DEBIT CARD	Paid	19-FEB-22 10.39.41.000000000 PM	Delay in delivery	N/A
9	10	5	2	10.1	WALLET BALANCE	Paid	22-FEB-22 05.28.37.000000000 PM	Preparing	NEHA
10	11	5	2	86.25	WALLET BALANCE	Paid	31-JAN-22 12.15.38.000000000 PM	Delivered	RAJ
11	12	1	1	79.18	DEBIT CARD	Paid	15-APR-22 01.29.13.000000000 PM	Cancelled	N/A
12	13	3	2	71.91	DEBIT CARD	Paid	12-JAN-22 03.18.28.000000000 AM	Delivered	JANVHI
13	14	10	2	38.38	WALLET BALANCE	Paid	14-FEB-22 09.11.08.000000000 AM	Out for delivery	ADITI
14	15	9	1	59.79	DEBIT CARD	Paid	04-MAR-22 04.19.00.000000000 PM	Delivered	RAJVEER
15	16	6	1	12.12	WALLET BALANCE	Paid	18-MAR-22 06.12.49.000000000 PM	Cancelled	N/A
16	17	10	1	74.23	DEBIT CARD	Paid	17-APR-22 08.46.27.000000000 AM	Delivered	RAJVEER
17	18	1	2	102.51	WALLET BALANCE	Paid	16-FEB-22 03.18.58.000000000 AM	Delay in delivery	N/A
18	19	4	2	51.51	DEBIT CARD	Paid	26-MAR-22 11.22.15.000000000 PM	Refunded	N/A
19	20	10	1	35.45	WALLET BALANCE	Paid	24-FEB-22 03.45.26.000000000 PM	Delivered	RAJ
20	21	11	2	30.91	WALLET BALANCE	Paid	19-JAN-22 04.24.49.000000000 PM	Out for delivery	NEHA
21	22	12	1	28.79	CREDIT CARD	Paid	13-FEB-22 11.12.12.000000000 AM	Delay in delivery	NEHA
22	23	13	1	39.09	CREDIT CARD	Paid	04-APR-22 01.40.18.000000000 PM	Confirmed	ADITI
23	24	14	2	57.37	CREDIT CARD	Paid	29-MAR-22 09.13.30.000000000 PM	Preparing	SARTHAK
24	25	15	1	50.1	DEBIT CARD	Paid	25-MAR-22 06.11.42.000000000 AM	Preparing	NEHA
25	26	12	2	10.61	DEBIT CARD	Paid	27-FEB-22 01.42.11.000000000 AM	Confirmed	SARTHAK

13. View Customer Order Address

	CUST_ID	CUST_FIRST_NAME	CUST_LAST_NAME	ADDRESS
1	1	Maurya	Ramteke	st botolph, 2115, 166
2	2	Sharvika	Barapatre	Tremont street, 2120, 1567
3	3	Prasad	Pathak	alphonsus street, 2120, 415
4	4	Aditya	Bhabhe	alphonsus street, 2120, 507
5	5	Girish	Pillai	smiths street, 2120, 908
6	6	Sahil	Mattoo	bolyston street, 2122, 76
7	7	Aditya	Arvind	Park Drive, 2121, 431
8	8	Aditya	Sharma	Downtown, 2215, 37
9	9	Kartik	Mohan	Park Drive, 2121, 3
10	10	Pragya	Mishra	Downtown, 2215, 19
11	11	Vivek	Oberio	st botolph, 2115, 5
12	12	Shubham	Patidar	Tremont street, 2120, 45
13	13	Yash	Neema	Sachem Street, 2115, 14
14	14	Shibhu	Verma	Park Drive, 2121, 11
15	15	Dakshit	Shetty	Downtown, 2115, 18

14. View – Delivery Agent Status

	AGENT_ID	AGENT_USERNAME	AGENT_STATUS
1	1	RAJ	AVAILABLE
2	2	PUNIT	NOT AVAILABLE
3	3	KARTIK	NOT AVAILABLE
4	4	ADITI	AVAILABLE
5	5	AHUSHKA	NOT AVAILABLE
6	6	RAJVEER	AVAILABLE
7	7	ADITYA	NOT AVAILABLE
8	8	SARTHAK	AVAILABLE
9	9	MOHAN	NOT AVAILABLE
10	10	JANVHI	AVAILABLE
11	11	PRASAD	AVAILABLE
12	12	RASHMI	NOT AVAILABLE
13	13	KRITIKA	AVAILABLE
14	14	NEHA	AVAILABLE
15	15	AYAN	NOT AVAILABLE

15. View – Completed Orders

	ORDER_ID	CUST_ID	REST...	ORDER_DATE	ORDER_STATUS	COUPON_NAME	DELIVER...	AMOUNT	PAYMENT_METHOD	PAY...	DELIVE...	DELIVERY_SERV...	RES...
1	4	5	2	27-FEB-22 01.24.00.000000000 AM	Delivered	GOLD	0	181.8	CREDIT CARD	Paid	JANVHI	0	4
2	7	3	1	20-APR-22 08.56.00.000000000 PM	Delivered	SILVER	0	43.63	DEBIT CARD	Paid	RAJ	3	3
3	11	5	2	31-JAN-22 12.15.38.000000000 PM	Delivered	PLATINUM	0	86.25	WALLET BALANCE	Paid	RAJ	5	2
4	13	3	2	12-JAN-22 03.18.28.000000000 AM	Delivered	GOLD	0	71.91	DEBIT CARD	Paid	JANVHI	2	5
5	15	9	1	04-MAR-22 04.19.00.000000000 PM	Delivered	GOLD	0	59.79	DEBIT CARD	Paid	RAJVEER	5	1
6	17	10	1	17-APR-22 08.46.27.000000000 AM	Delivered	PLATINUM	0	74.23	DEBIT CARD	Paid	RAJVEER	3	4
7	20	10	1	24-FEB-22 03.45.26.000000000 PM	Delivered	SILVER	0	35.45	WALLET BALANCE	Paid	RAJ	3	4

16. View – Active Orders

	ORDER_ID	CUST_ID	RESTA...	ORDER_DATE	ORDER_STATUS	COUP...	DELIVER...	AMOUNT	PAYMENT_...	PAYMENT_STATUS	DELIVERY...	DELIVER...	RES...
1	1	1	2	03-JAN-22 06.14.00.000000000 AM	Preparing	PLATINUM	0	116.65	DEBIT CARD	Paid	RAJ	0	0
2	3	7	2	09-APR-22 12.14.37.000000000 PM	Out for delivery	SILVER	0	38.64	CREDIT CARD	Paid	SARTHAK	0	0
3	6	1	1	14-MAR-22 02.17.09.000000000 PM	Placed Success...	N/A	0	75.25	WALLET BALANCE	Paid	N/A	0	0
4	8	6	2	26-MAR-22 04.13.31.000000000 AM	Out for delivery	GOLD	0	110.7	DEBIT CARD	Paid	RAJVEER	0	0
5	10	5	2	22-FEB-22 05.28.37.000000000 PM	Preparing	N/A	0	10.1	WALLET BALANCE	Paid	NEHA	0	0
6	14	10	2	14-FEB-22 09.11.08.000000000 AM	Out for delivery	N/A	0	38.38	WALLET BALANCE	Paid	ADITI	0	0
7	21	11	2	19-JAN-22 04.24.49.000000000 PM	Out for delivery	SILVER	0	30.91	WALLET BALANCE	Paid	NEHA	0	0
8	23	13	1	04-APR-22 01.40.18.000000000 PM	Confirmed	SILVER	0	39.09	CREDIT CARD	Paid	ADITI	0	0
9	24	14	2	29-MAR-22 09.13.30.000000000 PM	Preparing	GOLD	0	57.37	CREDIT CARD	Paid	SARTHAK	0	0
10	25	15	1	25-MAR-22 06.11.42.000000000 AM	Preparing	GOLD	0	50.1	DEBIT CARD	Paid	NEHA	0	0
11	26	12	2	27-FEB-22 01.42.11.000000000 AM	Confirmed	N/A	2	10.61	DEBIT CARD	Paid	SARTHAK	0	0