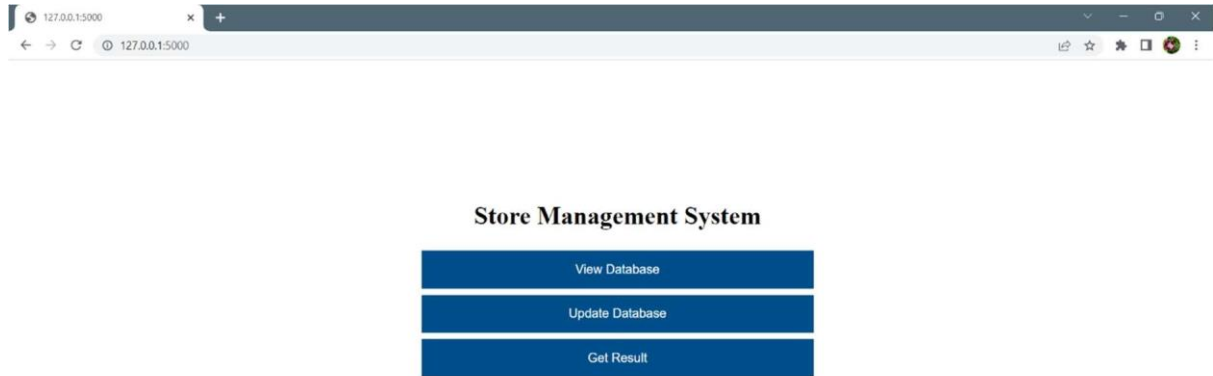# DATABASE SYSTEM

CSE 5330 – 004

MEIJER - STORE MANAGEMENT SYSTEM
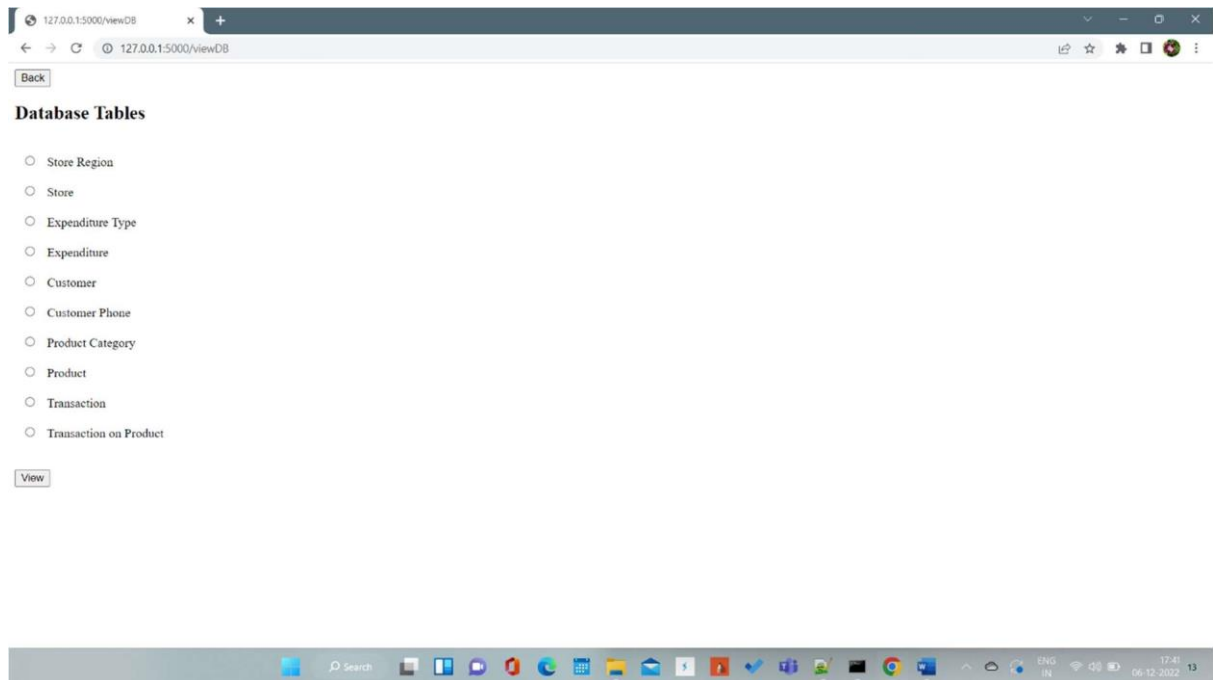
Submitted by

SHASHWAT SHEKHAR

NIKHIL YADAV

SRISHTI MADAN RAIKAR

SNIGDHA NALAJALA

User Interface Overview

Home Page:

View Table Page:

Table Data of selected relation

Store

STORE_ID	NAME	REGION_ID
1001	SOUTHWEST-TEXAS	1
1002	SUPPLEMENTAL-TEXAS	1
1003	RCOPY-TEXAS	1
1004	PLAZA-TEXAS	1
1005	IDEAPAD-TEXAS	1
1006	MACARTHUR-TEXAS	1
1007	LINCON-TEXAS	1
1008	MITCHELL-TEXAS	1
1009	HOSACK-TEXAS	1
1010	MESQUITE-TEXAS	1
2001	WELLINGTON-VIRGINIA	2
2002	SOUTHWEST-VIRGINIA	2
2003	PLAZA-VIRGINIA	2
2004	RCOPY-VIRGINIA	2
2005	SOUTHWEST-VIRGINIA	2
2006	GOODWILL-VIRGINIA	2
2007	XOOM-VIRGINIA	2
2008	HOSACK-VIRGINIA	2
2009	MITCHELL-VIRGINIA	2
2010	GOODWILL-VIRGINIA	2
3001	SUPPLEMENTAL-CALIFORNIA	3
3002	ABIBAS-CALIFORNIA	3
3003	RANDOLMILL-CALIFORNIA	3
3004	IDEAPAD-CALIFORNIA	3
3005	PANTEGO-CALIFORNIA	3
3006	XOOM-CALIFORNIA	3

Transaction

TRANS_ID	STORE_ID	CUST_ID	AMOUNT	DISCOUNT	TRANS_DATE	TRANS_TIME	TRANS_TYPE
5001220710001	5001	8	9260	0	2022-07-10 00:00:00	2022-11-01 13:47:00	SC
5001220710002	5001	9	9940	0	2022-07-10 00:00:00	2022-11-01 14:28:32	SC
5001220723001	5001	40	13990	0	2022-07-23 00:00:00	2022-11-01 18:55:00	SC
5001220723002	5001	41	11250	0	2022-07-23 00:00:00	2022-11-01 19:33:27	SC
5001220805001	5001	2	1332	10	2022-08-05 00:00:00	2022-11-01 16:24:34	SC
5001220805002	5001	45	2565	10	2022-08-05 00:00:00	2022-11-01 17:24:21	SC
5001220805003	5001	46	1788.3	10	2022-08-05 00:00:00	2022-11-01 19:26:11	SC
5001220810001	5001	50	4028	5	2022-08-10 00:00:00	2022-11-01 16:15:52	SC
5001220810002	5001	1	1580.4	10	2022-08-10 00:00:00	2022-11-01 17:40:18	SC
5001220810003	5001	33	10231.5	5	2022-08-10 00:00:00	2022-11-01 18:55:00	SC
5001220823001	5001	23	21546	10	2022-08-23 00:00:00	2022-11-01 16:32:11	SC
5001220823002	5001	26	1764	10	2022-08-23 00:00:00	2022-11-01 19:05:18	SC
5001220823003	5001	30	11077	5	2022-08-23 00:00:00	2022-11-01 19:55:11	SC
5001220917001	5001	41	9140	0	2022-09-17 00:00:00	2022-11-01 19:56:46	SC
5001221010001	5001	13	45	0	2022-10-10 00:00:00	2022-11-01 19:30:06	SC
5001221019001	5001	15	120	0	2022-10-19 00:00:00	2022-11-01 19:50:55	SC
1002221028001	1002	12	6660	0	2022-10-28 00:00:00	2022-11-01 16:47:12	TC
1004220705003	1004	31	57460	0	2022-07-05 00:00:00	2022-11-01 19:44:32	TC
1001220103001	1001	2	256	0	2022-01-03 00:00:00	2022-11-01 10:20:32	SC
1001220104001	1001	2	90	0	2022-01-04 00:00:00	2022-11-01 11:22:34	SC
1001220121001	1001	3	168	0	2022-01-21 00:00:00	2022-11-01 12:32:00	SC
1001220203001	1001	3	87	0	2022-02-03 00:00:00	2022-11-01 13:11:03	SC
1001220203002	1001	3	250	0	2022-02-03 00:00:00	2022-11-01 14:32:34	SC
1001220303001	1001	3	124	0	2022-03-03 00:00:00	2022-11-01 15:32:12	SC
1001220304001	1001	3	52	0	2022-03-04 00:00:00	2022-11-01 16:32:00	SC
1001220401001	1001	3	250	0	2022-04-01 00:00:00	2022-11-01 17:21:43	SC

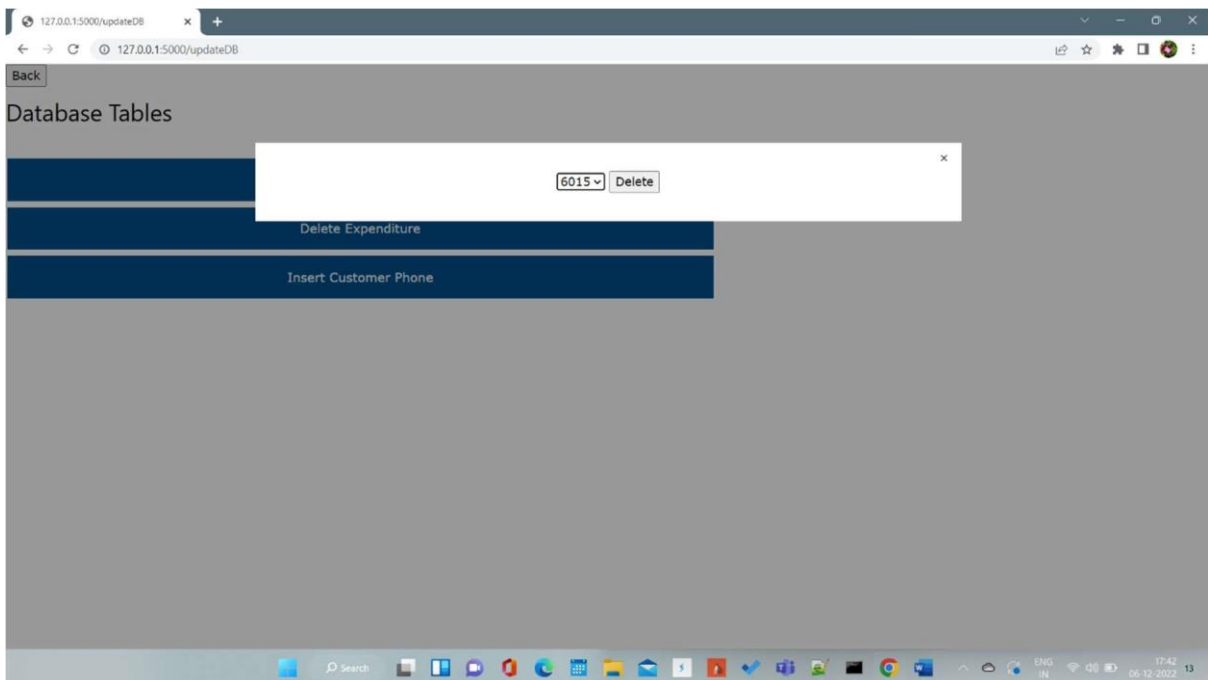Modification page for tables
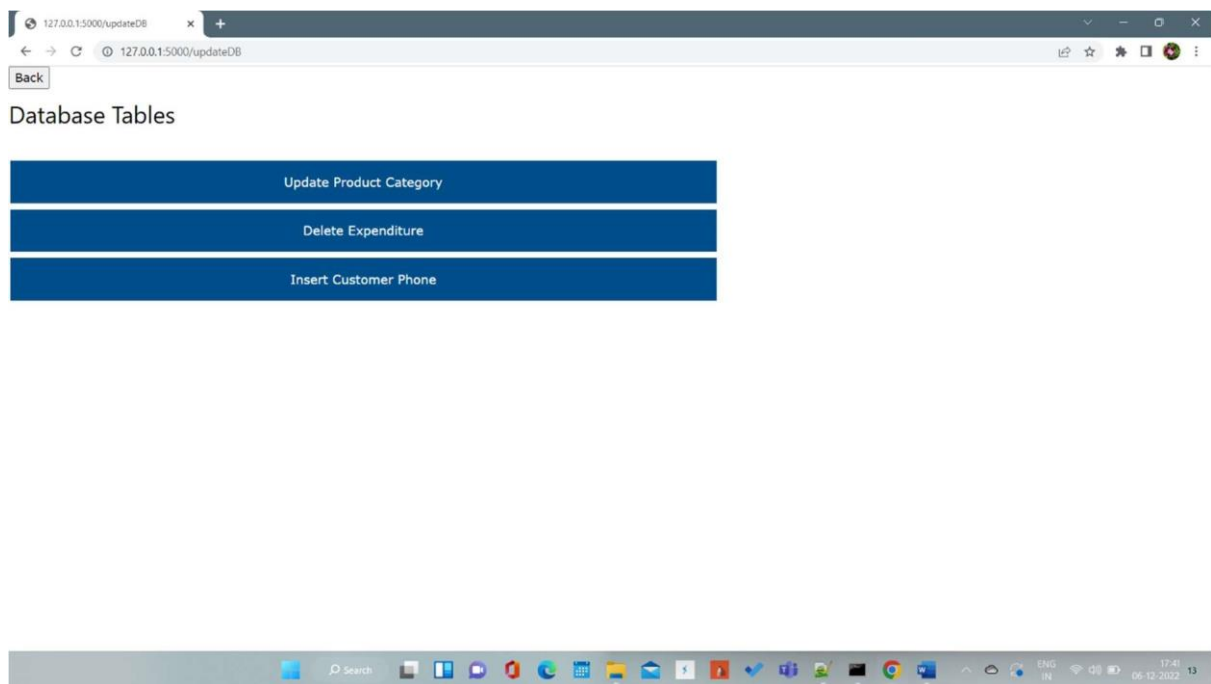
Modal to update Product Category
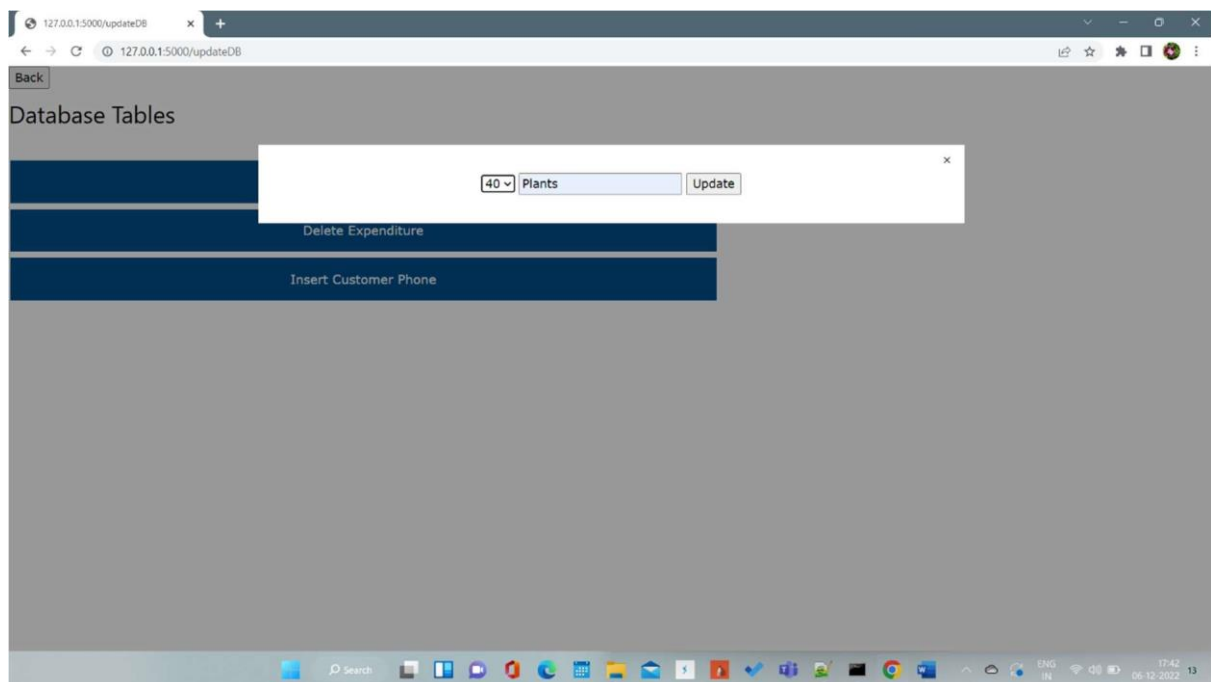
Result after Update

10	Toys
11	Kids
12	Handmade
13	Tools
14	Fitness
15	Leisure Sports
16	Exercise Equipments
17	CDs & Vinyl
18	Musical Instruments
19	Camping & Hiking
20	Water Sports
21	Cycling
22	Winter Sports
23	Landscaping
24	Agriculture Tools
25	Furniture
26	Lighting
27	Storage
28	Sewing
29	Arts & Craft
30	Party Supplies
31	Kitchen & Bath Fixtures
32	Smart Home
33	Hardware
34	Cookware
35	Power & Hand Tools
36	Beauty Products
37	Stationery
38	Baby Products
39	Home Decor
40	Plants

Modal for Expenditure Deletion
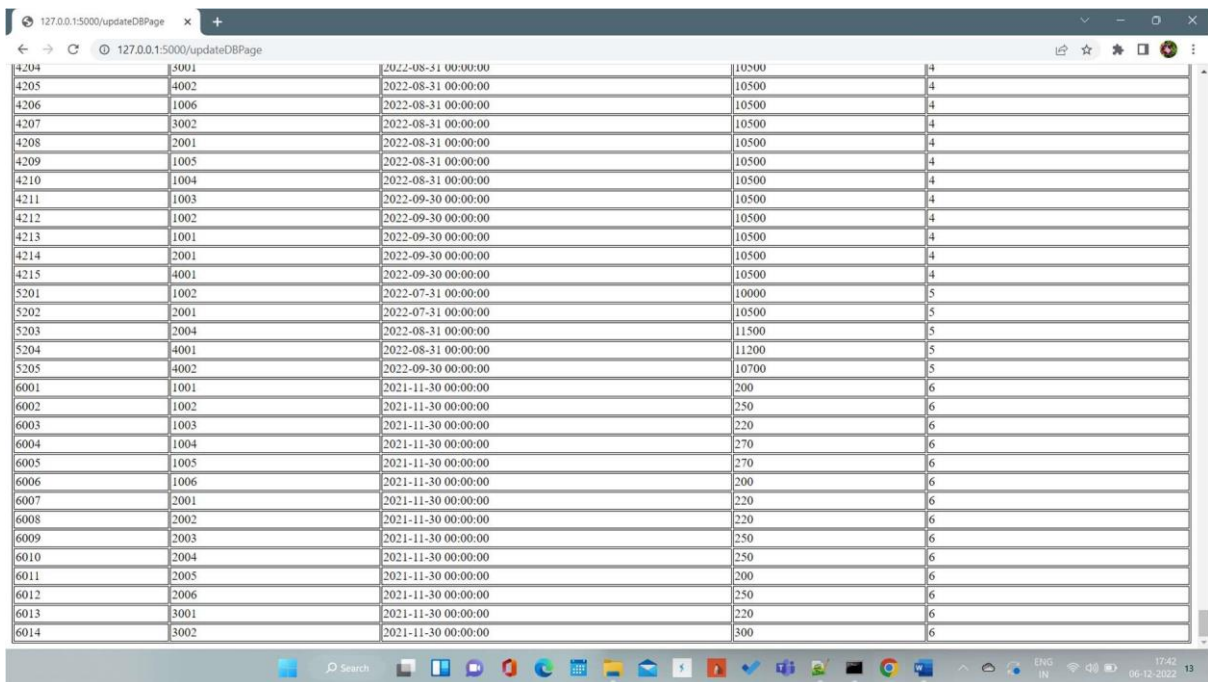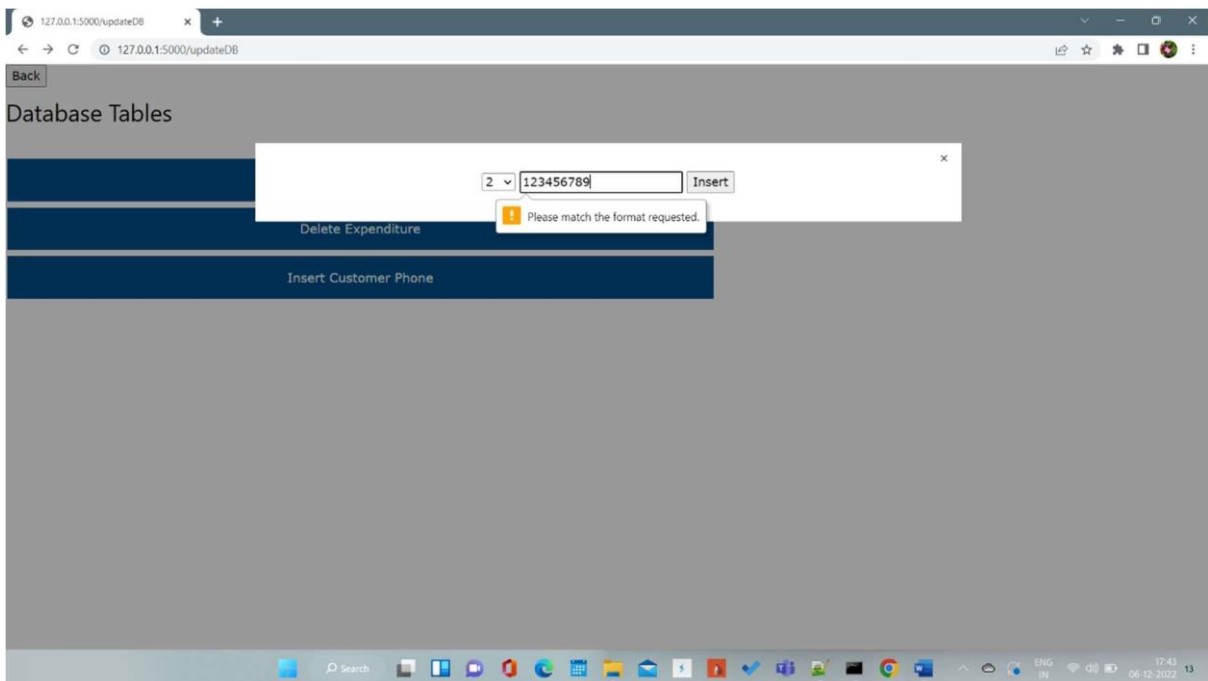
Table view after Delete

4204	3001	2022-08-31 00:00:00	10500	4
4205	4002	2022-08-31 00:00:00	10500	4
4206	1006	2022-08-31 00:00:00	10500	4
4207	3002	2022-08-31 00:00:00	10500	4
4208	2001	2022-08-31 00:00:00	10500	4
4209	1005	2022-08-31 00:00:00	10500	4
4210	1004	2022-08-31 00:00:00	10500	4
4211	1003	2022-09-30 00:00:00	10500	4
4212	1002	2022-09-30 00:00:00	10500	4
4213	1001	2022-09-30 00:00:00	10500	4
4214	2001	2022-09-30 00:00:00	10500	4
4215	4001	2022-09-30 00:00:00	10500	4
5201	1002	2022-07-31 00:00:00	10000	5
5202	2001	2022-07-31 00:00:00	10500	5
5203	2004	2022-08-31 00:00:00	11500	5
5204	4001	2022-08-31 00:00:00	11200	5
5205	4002	2022-09-30 00:00:00	10700	5
6001	1001	2021-11-30 00:00:00	200	6
6002	1002	2021-11-30 00:00:00	250	6
6003	1003	2021-11-30 00:00:00	220	6
6004	1004	2021-11-30 00:00:00	270	6
6005	1005	2021-11-30 00:00:00	270	6
6006	1006	2021-11-30 00:00:00	200	6
6007	2001	2021-11-30 00:00:00	220	6
6008	2002	2021-11-30 00:00:00	220	6
6009	2003	2021-11-30 00:00:00	250	6
6010	2004	2021-11-30 00:00:00	250	6
6011	2005	2021-11-30 00:00:00	200	6
6012	2006	2021-11-30 00:00:00	250	6
6013	3001	2021-11-30 00:00:00	220	6
6014	3002	2021-11-30 00:00:00	300	6

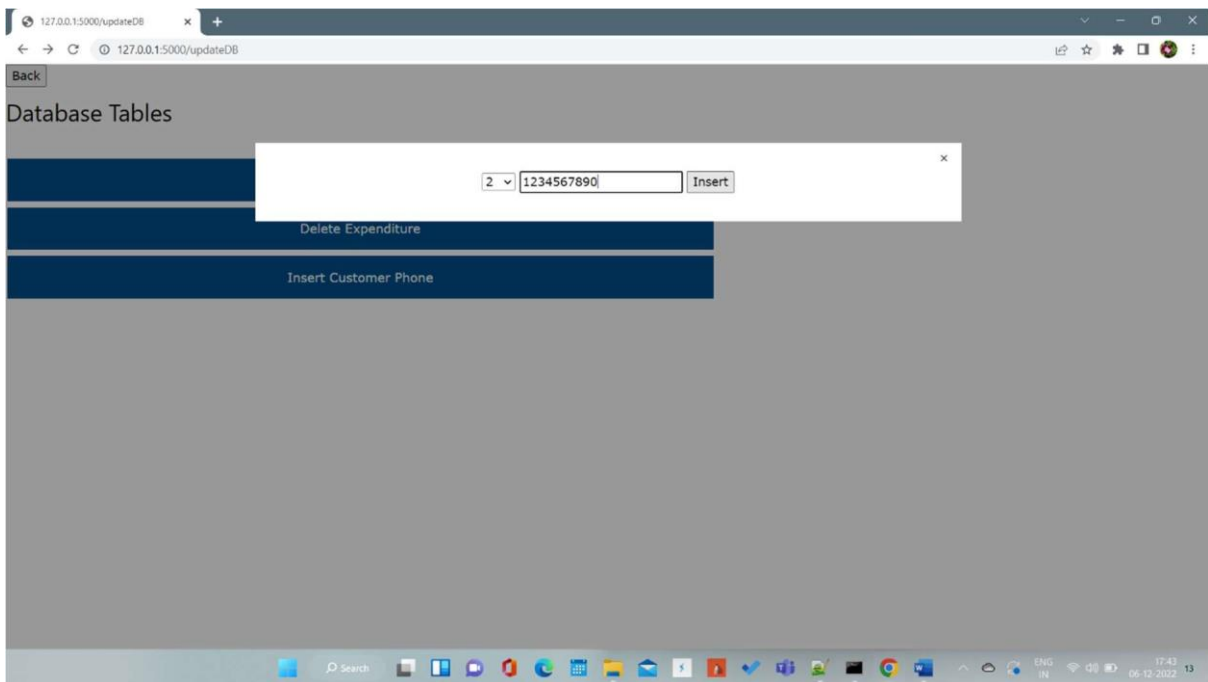## Modal for Customer Phone Insertion with incorrect input check

Modal for Customer Phone Insertion

View of table after insertion

Customer Phone

CUST_ID	PHONE
1	5046218927
1	8102929388
2	1234567890
2	8566368749
3	5135701893
3	9073854412
4	4195032484
5	7735736914
6	4087523500
7	6054142147
8	4106558723
9	2158741229
10	6313353414
11	3104985651
12	4407808425
12	9565376195
13	6022774385
13	9313139635
14	3132887937
14	4146619598
15	8158282147
16	6105453615
17	4085401785
18	9723039197
19	5189667987
20	7326583154

Business goals page
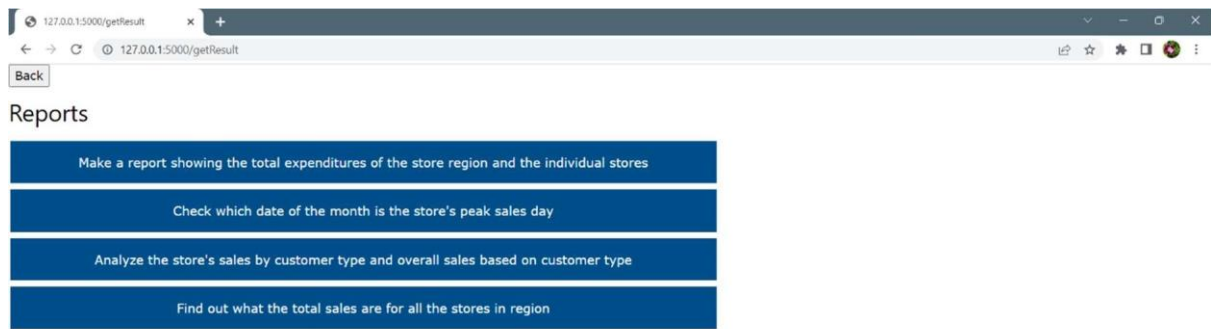
Modals for parameter selection for report generation and their Results
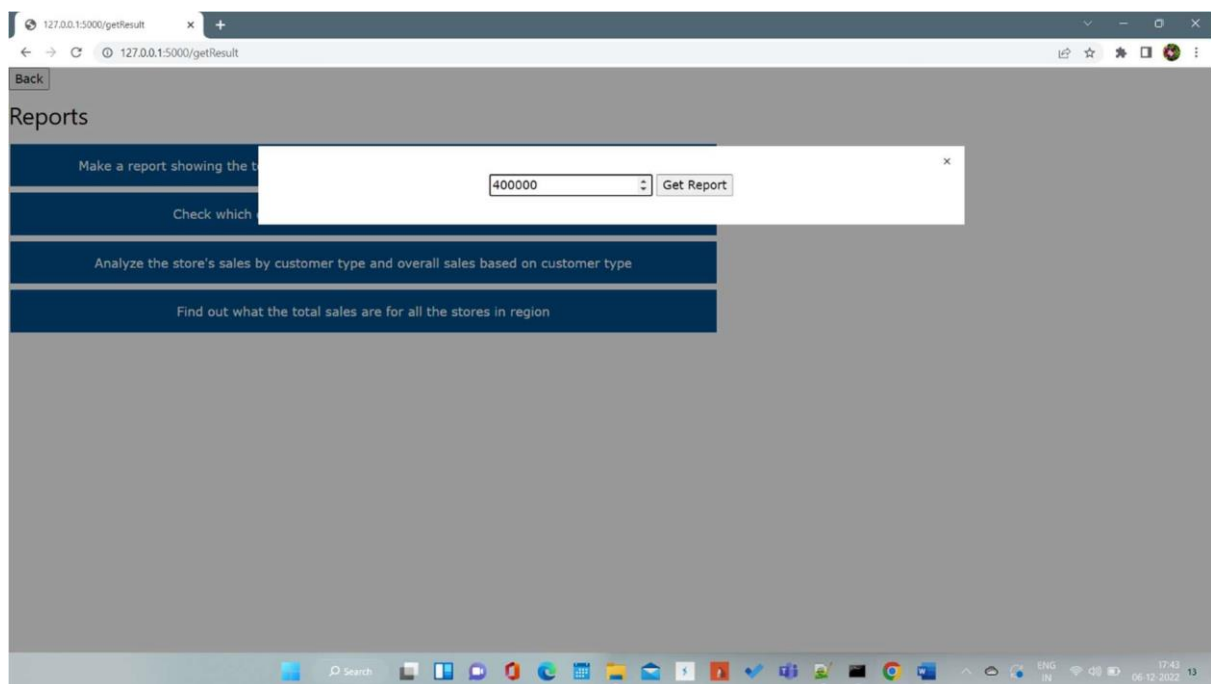
Make a report showing the total expenditures of the store region and the individual stores

REGION	STORE NAME	SALES
MEIJER-AK	GOODWILL-NEWYORK	442250
MEIJER-AK	None	442250
MEIJER-AZ	ABIBAS-ARIZONA	401900
MEIJER-AZ	MACARTHUR-ARIZONA	414850
MEIJER-AZ	None	816750
MEIJER-CA	ABIBAS-CALIFORNIA	418260
MEIJER-CA	SUPPLEMENTAL-CALIFORNIA	433960
MEIJER-CA	None	852220
MEIJER-TX	SUPPLEMENTAL-TEXAS	407300
MEIJER-TX	None	2301480
MEIJER-VA	SOUTHWEST-VIRGINIA	750590
MEIJER-VA	WELLINGTON-VIRGINIA	410100
MEIJER-VA	None	2272360
None	None	6685060

Reports

Make a report showing the t...

Check which ...

Analyze the store's sales by customer type and overall sales based on customer type

Find out what the total sales are for all the stores in region

5 ⬍ Get Report ×

Back

Check which date of the month is the store's peak sales day

NAME	MONTH	PEAK DATE	TOTAL SALES
SUPPLEMENTAL-CALIFORNIA	7	10	161690
PLAZA-TEXAS	11	17	155200
RCOPY-VIRGINIA	8	10	142707.2
MACARTHUR-ARIZONA	8	5	138559.4
ABIBAS-CALIFORNIA	7	10	128261

Back

Reports

Make a report showing the t

Check which

Analyze the store's sales by customer type and overall sales based on customer type

Find out what the total sales are for all the stores in region

1 ∨   Get Report   ×

Back

Analyze the store's sales by customer type and overall sales based on customer type

NAME	CUST TYPE	TOTAL_SALES
None	None	891082.92
None	B2B	877227
None	Retail	13855.92
PLAZA-TEXAS	None	538224
PLAZA-TEXAS	B2B	534548
PLAZA-TEXAS	Retail	3676
RCOPY-TEXAS	None	151183.92
RCOPY-TEXAS	B2B	149750
RCOPY-TEXAS	Retail	1433.92
SOUTHWEST-TEXAS	None	87056
SOUTHWEST-TEXAS	B2B	81827
SOUTHWEST-TEXAS	Retail	5229
SUPPLEMENTAL-TEXAS	None	114619
SUPPLEMENTAL-TEXAS	B2B	111102
SUPPLEMENTAL-TEXAS	Retail	3517

Back

Reports

Make a report showing the t

1 ∨ Get Report ×

Check which

Analyze the store's sales by customer type and overall sales based on customer type

Find out what the total sales are for all the stores in region

Back

Find out what the total sales are for all the stores in region

REGION_ID	STORE_ID	TOTAL_SALES
1	1003	151183.92
1	1002	114619
1	1004	538224
1	1001	87056