


# MOGAMBO DINERS MANAGEMENT SYSTEM

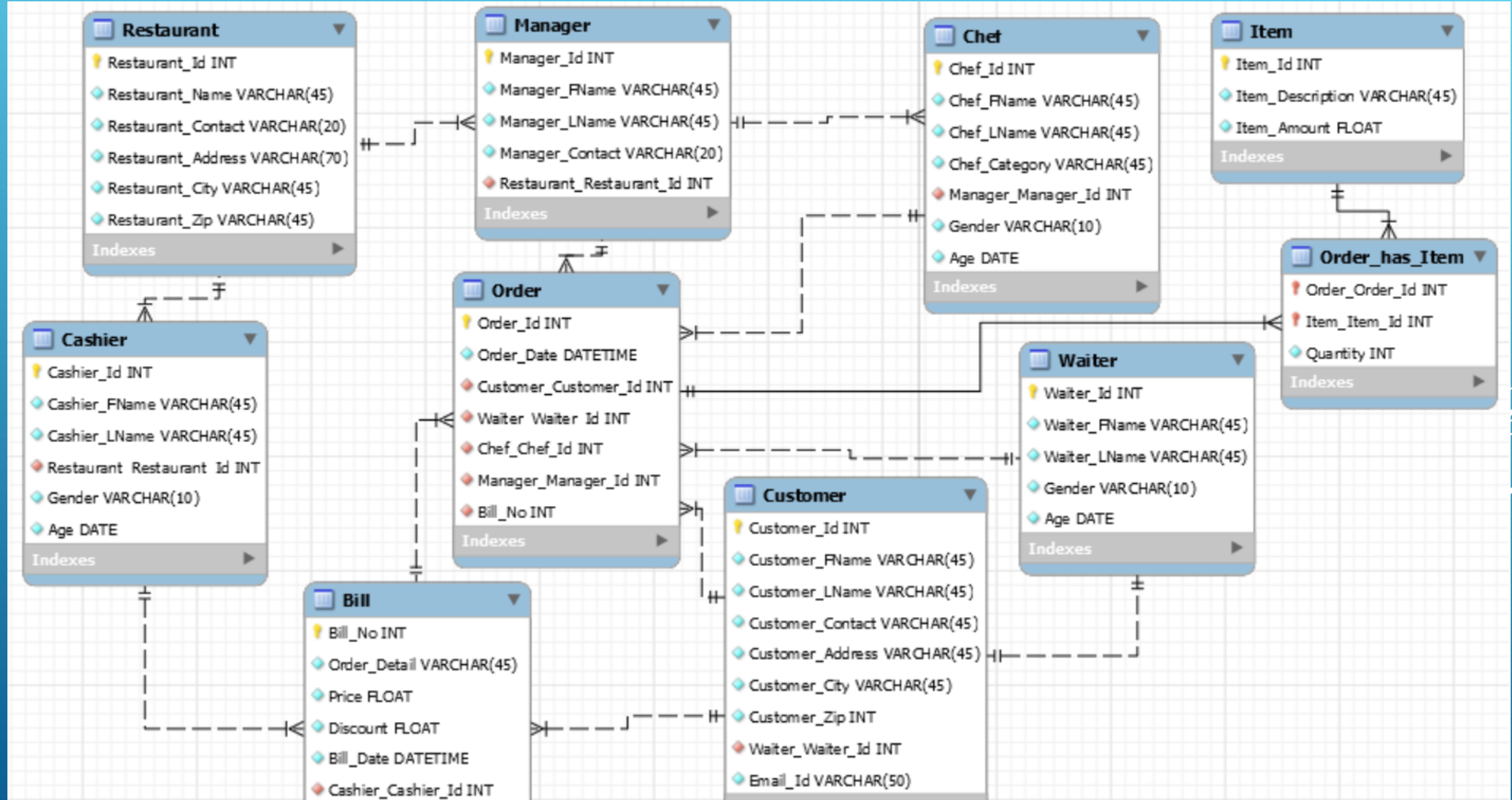
Made by

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# SCOPE OF THE PROJECT

- ▶ Mogambo Diners is a mid tier multi cuisine restaurant that servers its customers with appetizing meals
  - ▶ It is a restaurant database management system that will hold the responsibility of maintaining records of all the employees, personal details and a record of all the various orders placed
  - ▶ The database system holds the catalog of all the various cuisines and deserts available according to season and information about its valuable customers
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- A series of white diagonal lines of varying lengths and thicknesses are positioned on the right side of the slide, extending from the middle towards the bottom right corner.

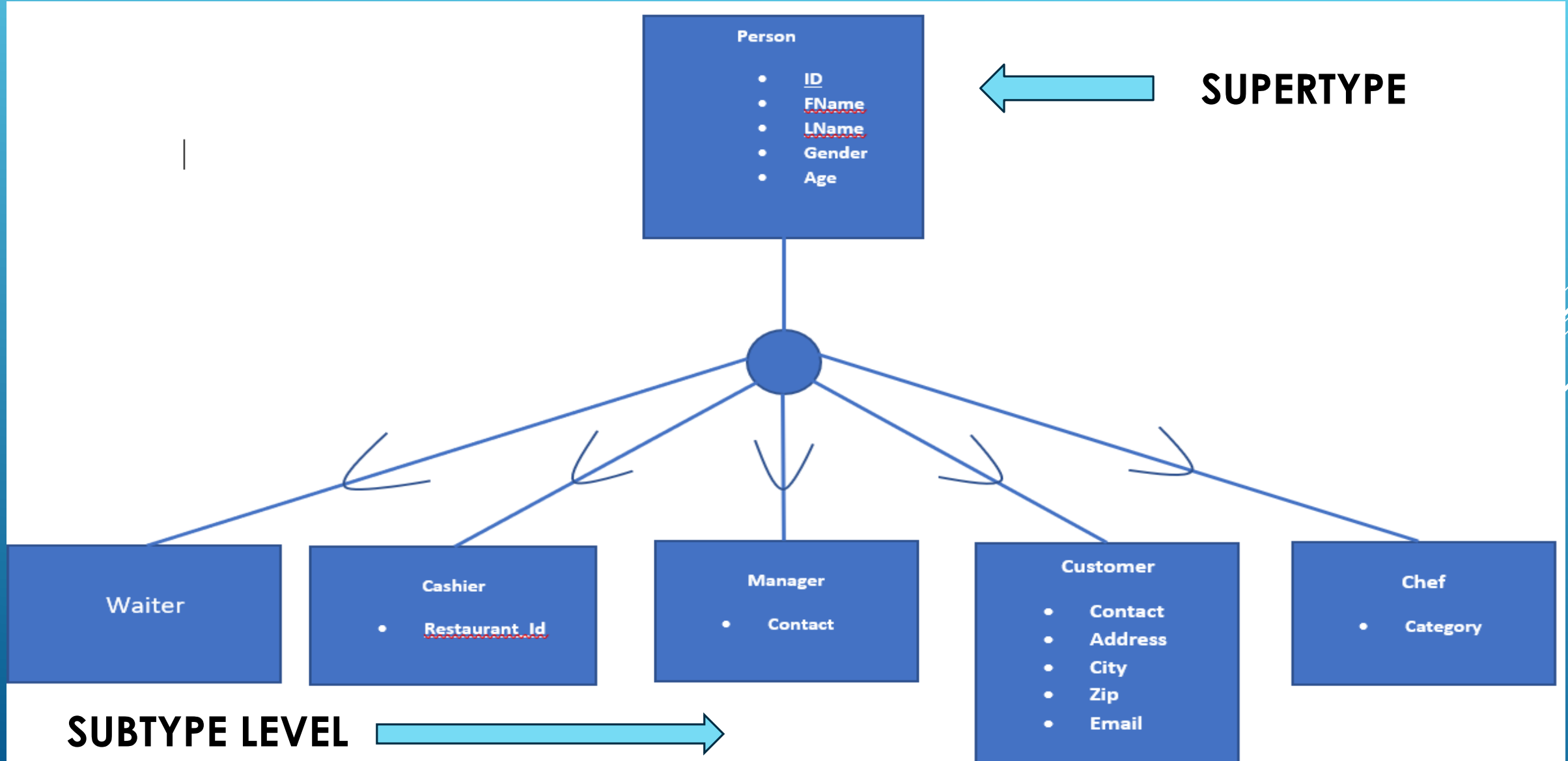
# ENTITY RELATIONSHIP DIAGRAM



# LIST OF ENTITIES

- ▶ Restaurant
  - ▶ Manager
  - ▶ Customer
  - ▶ Order
  - ▶ Chef
  - ▶ Item
  - ▶ Waiter
  - ▶ Bill
  - ▶ Cashier
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- A series of white diagonal lines of varying lengths and thicknesses, located in the bottom right corner of the slide.

# IDENTIFICATION OF ENTITIES AND THEIR SUBTYPES



# RELATIONAL DATA MODEL

## ► Restaurant Table

<u>Restaurant_Id</u>	<u>Restaurant_Name</u>	<u>Restaurant_Contact</u>	<u>Restaurant_Address</u>	<u>Restaurant_City</u>	<u>Restaurant_Zip</u>
999	Mozambo Diners	9923761497	1024 Massachusetts Avenue	Boston	02120

## ► Manager Table

<u>Manager_Id</u>	<u>Manager_FName</u>	<u>Manager_LName</u>	<u>Manager_Contact</u>	<u>Restaurant_Restaurant_Id</u>
101	Dennie	Fritche	1074160164	999
102	Cosette	Scauniae	9011414778	999
103	Dianemarie	Harses	9444250934	999
104	Octavius	Tresise	8271897879	999
105	Leta	Mc Ilwrick	6928499999	999

## ► Waiter Table

<u>Waiter_Id</u>	<u>Waiter_FName</u>	<u>Waiter_LName</u>	<u>Gender</u>	<u>Age</u>
401	Silvan	Lewtv	Male	1987-06-11
402	Claribel	Dibson	Female	1997-01-31
403	Hugo	Hutcheon	Male	1992-12-14
404	Madison	Yard	Male	1990-09-30
405	Marvio	Moland	Female	1981-03-15

## ► Bill Table

Bill_No	Order_Detail	Price	Discount	Cashier_Cashier_Id	Customer_Customer_Id	bill_Date
701	Chocolate Cake	54.95	4.19	301	501	2017-05-28 05:03:18
702	Sushi	9.13	9.13	302	502	2017-11-18 20:50:41
703	Buttered popcorn	30.85	9.67	303	503	2017-07-01 08:06:08
704	Peking duck	19.5	3.75	304	504	2017-06-17 22:26:06
705	Hamburger	22.81	3	305	505	2017-05-16 17:03:20
706	Lasaana	21.45	7.57	301	506	2017-05-27 20:09:28
707	Butter garlic crab	17.34	5.87	302	507	2017-08-07 13:06:36
708	Fajitas	15.09	8.67	303	508	2017-03-29 00:28:53
709	Fish n chips	20.99	8.88	304	509	2017-06-02 06:21:35
710	Hummus	56.44	4.68	305	510	2017-06-17 15:22:34

## ► Order Table

Order_Id	Customer_Customer_Id	Waiter_Waiter_Id	Chef_Chef_Id	Manager_Manager_Id	Bill_No	order_date
801	501	401	201	101	701	2017-08-12 11:08:34
802	502	402	202	102	702	2017-10-23 13:50:56
803	503	403	203	103	703	2017-07-20 16:28:54
804	504	404	204	104	704	2017-10-09 15:14:29
805	505	405	205	105	705	2017-11-27 01:14:12
806	506	401	206	101	706	2017-10-06 23:32:37
807	507	402	207	102	707	2017-01-10 12:15:12
808	508	403	208	103	708	2017-01-23 13:22:46
809	509	404	209	104	709	2017-11-18 09:30:17
810	510	405	210	105	710	2017-10-17 17:35:05

## ► Item Table

Item_Id	Item_Description	Item_Amount
601	Chocolate Cake	14.57
602	Sushi	18.35
603	Buttered popcorn	6.2
604	Peking duck	6.99
605	Hamburger	14.76
606	Lasaana	11.04
607	Butter garlic crab	17.23
608	Fajitas	11.89
609	Fish n chips	13.1
610	Hummus	21.73

## > Order\_has\_Item(Bridge Table)

Order_Order_Id	Item_Item_Id	Quantity
801	601	7
802	602	10
803	603	15
804	604	6
805	605	12
806	606	16
807	607	13
808	608	9
809	609	4
810	610	7



## ► Customer Table

Customer_Id	Customer_FName	Customer_LName	Customer_Contact	Customer_Address	Customer_City	Custom	Waiter_Waiter_Id	Email_Id
501	Faber	Cabrera	9791341544	33 Almo Park	Boston	2132	401	fcabrera0@tinvurl.com
502	Karel	Comettoi	8672467103	3738 Riverside Trail	Los Angeles	90001	401	kcomettoi1@niftv.com
503	Elfreda	Gothard	7192125783	040 Anderson Place	San Francisco	94104	402	eoothard2@businesswire.com
504	Hvacinth	Ludman	6409993268	9 Division Terrace	Boston	2901	402	hludman3@msu.edu
505	Kara-Ivnn	Metzia	7849881962	0074 Oxford Place	Ohio	43001	403	kmetzia4@usnews.com
506	Ollie	Sutton	6083310822	4065 Harper Drive	Los Angeles	90002	403	osutton5@bluehost.com
507	Debbv	Endon	6911546790	55837 Sunnvsid Pass	San Francisco	94189	404	dendon6@fda.aov
508	Staci	Fosh	4877993017	0 Kennedv Terrace	Boston	2120	404	sfosh7@cdc.aov
509	Sheila-kathrvn	Simmaen	8196693662	1700 Cordelia Plaza	Los Angeles	90014	405	ssimmaen8@comsenz.com
510	Leanora	Andersson	9414588246	30880 Autumn Leaf Drive	Boston	2110	405	landersson9@ehow.com

## ► Cashier Table

Cashier_Id	Cashier_FName	Cashier_LName	Restaurant_Restaurant_Id	Gender	Age
301	Dot	Dossit	999	Female	1981-05-29
302	Starlin	Brandino	999	Male	1979-09-30
303	Kenna	Bluman	999	Male	1990-01-19
304	Letta	Gewer	999	Male	1988-09-01
305	Nomi	Lemerie	999	Female	1977-06-11

## ► Chef Table

Chef_Id	Chef_FName	Chef_LName	Chef_Category	Manager_Manager_Id	Gender	Age
201	Ciel	Housiaux	Italian	101	Female	1975-02-04
202	Ruperta	Boots	Chinese	101	Female	1980-11-21
203	Collen	Sabbin	Italian	102	Female	1985-12-03
204	Genevra	Earlam	Chinese	102	Female	1990-09-07
205	Isabelita	Bromont	Indian	103	Female	1991-03-13
206	Vonnv	Robcke	Indian	104	Female	1989-03-15
207	Davie	Calcraft	Greek	103	Male	1980-09-25
208	Phillipo	Cluse	Greek	104	Male	1994-01-12
209	Antonino	Skillicorn	American	105	Male	1995-01-03
210	Essv	O'Crioane	American	105	Female	1981-05-29



# VIEW

```
321 • create view v_chef_order
322 as
323 select Order_Id, chef_id, Chef_FName, Chef_LName, Item_description, Quantity
324 from dutta.order as o inner join order_has_item as ohi
325 on o.order_id=ohi.order_order_id
326 inner join item as i
327 on ohi.item_item_id=i.item_id
328 inner join chef as c on o.Chef_Chef_Id=c.Chef_Id
329 group by order_id;
330
331 • select * from v_chef_order;
332
```

Result Grid |   Filter Rows:  | Export:  | Wrap Cell Content: 

	Order_Id	chef_id	Chef_FName	Chef_LName	Item_description	Quantity
	801	201	Ciel	Housiaux	Chocolate Cake	7
	802	202	Ruperta	Boots	Sushi	10
	803	203	Collen	Sabbin	Buttered popcorn	15
	804	204	Genevra	Earlam	Peking duck	6
	805	205	Isabelita	Bromont	Hamburger	12
	806	206	Vonnv	Roocke	Lasagna	16
	807	207	Davie	Calcraft	Butter garlic crab	13
	808	208	Phillipo	Cluse	Fajitas	9
	809	209	Antonino	Skillicorn	Fish n chips	4
	810	210	Essv	O'Crioane	Hummus	7

# STORED PROCEDURE

```
339
340 delimiter $$
341 • CREATE DEFINER=`root`@`localhost` PROCEDURE `sp_offered_prices`()
342 BEGIN
343 select cashier_id, Cashier_FName, Cashier_LName, customer_Fname, customer_LName,
344 price, discount, (price-discount) as Final_Price
345 from bill as b inner join cashier as c
346 on b.cashier_cashier_id=c.cashier_id
347 inner join customer as cust
348 on b.customer_customer_id=cust.customer_id
349 order by customer_id;
350 END
351 $$
```

Result Grid   Filter Rows:   Export:   Wrap Cell Content:						
	cashier_id	customer_Fname	customer_LName	price	discount	Final_Price
	301	Faber	Cabrera	54.95	4.19	50.760000705718994
	302	Karel	Comettoi	27.34	9.13	18.210000038146973
	303	Elfreda	Gothard	30.85	9.67	21.18000030517578
	304	Hvacinth	Ludman	19.5	3.75	15.75
	305	Kara-Ivnn	Metzio	22.81	3	19.809999465942383
	301	Ollie	Sutton	21.45	7.57	13.880000591278076
	302	Debbv	Endon	17.34	5.87	11.470000267028809
	303	Staci	Fosh	15.09	8.67	6.420000076293945
	304	Sheila-kathrvn	Simmaen	20.99	8.88	12.109999656677246
	305	Leanora	Andersson	56.44	4.68	51.75999879837036

THANK YOU

