

## Structure of DB – ZerLi

item:

ID	Name	Color	Price	Type
3000	Kalanit	Red	10	Flower
3001	Yekinton	Yellow	15	Flower
3002	Rose	Red	12	Flower
3003	Narkis	Yellow	7	Flower
3004	Rakefet	White	22	Flower
3005	Turkish	Brown	20	Vase
3006	Brazilien	Green	20	Vase
3007	Spain	Yellow	20	Vase
3008	Luli	Green	1.5	Tape
3009	Shufi	Blue	1.5	Tape
3010	Guli	Red	2	Tape
3011	Kashmir	Pink	2.5	Tape
NULL	NULL	NULL	NULL	NULL

Special attributes:

- ID – PK

self\_item:

ID	Item_Id	Type	Amount	OrderID
20000	3000	As Is	2	50000
20001	3001	As Is	2	50000
20002	3005	As Is	1	50002
20003	3003	Flower Arrangement	1	50003
20003	3008	Flower Arrangement	2	50003
20004	3011	As Is	4	50003
20005	3005	As Is	1	50006
20006	3006	As Is	1	50006
20007	3007	As Is	1	50006
20008	3001	Flower Pot	2	50007
20008	3005	Flower Pot	1	50007
20009	3009	As Is	2	50008
20010	3006	As Is	1	50010
20011	3000	Bride's Bouquet	3	50011
20011	3010	Bride's Bouquet	2	50011
20012	3010	As Is	3	50011
20013	3000	As Is	1	50012
20014	3003	Ordinary Bouquet	1	50013
20014	3010	Ordinary Bouquet	1	50013
20015	3010	As Is	1	50013
20016	3000	As Is	1	50014
20017	3010	As Is	1	50015
20018	3005	As Is	2	50019
20019	3009	As Is	10	50019
20020	3011	As Is	2	50019
NULL	NULL	NULL	NULL	NULL

### Special attributes:

- ID – PK
- Item\_Id – PK , FK (item.ID)
- Type – PK
- OrderID – FK (orders.ID)

### item\_in\_catalog:

ID	Name	Price	Description	Status
7000	Pot	60	A beautiful gift	Active
7001	Life	40	Special Gift for birthday and holidays	Active
7002	Del Mondo	30	From south america. amazing present to your lover	Active
7003	Lover	25	Small and huge. a gift for your parents	Active
7004	Braude	55	For your college friend	Active
7005	Cycle of life	33	Mix of various special flowers	Active
7006	Akuna Matata	70	From Hermon mountain. exclusive flowers	Active
NULL	NULL	NULL	NULL	NULL

### Special attributes:

- ID – PK

### orders:

ID	Person_ID	Delivery	Status	Payment_Type	Price	Store_ID	Time	Date	Requested_Time	Requested_Date	Refund
50000	customer1	No	Paid	Credit	50	1001	13:00	01/01/2017	20:00	02/01/2017	NULL
50001	customer2	No	Paid	Cash	70	1002	15:00	10/02/2017	13:00	11/02/2017	NULL
50002	customer3	No	Paid	Credit	50	1003	10:00	10/03/2017	20:00	10/03/2017	NULL
50003	customer1	No	Paid	Credit	20	1002	13:00	11/03/2017	20:00	12/03/2017	NULL
50004	customer4	No	Paid	Cash	30	1004	14:00	05/05/2017	18:00	07/05/2017	NULL
50005	storeemployee1	No	Paid	Credit	25	1001	13:00	10/05/2017	21:00	10/05/2017	NULL
50006	customer3	No	Canceled	Cash	50	1003	13:00	06/06/2017	15:00	07/06/2017	50
50007	customer2	Yes	Paid	Credit	40	1003	11:00	10/07/2017	20:00	10/07/2017	NULL
50008	storeemployee2	No	Paid	Credit	33	1002	13:00	11/09/2017	22:00	11/09/2017	NULL
50009	customer2	No	Paid	Credit	25	1004	09:00	20/09/2017	17:00	21/09/2017	NULL
50010	chainemployee	Yes	Paid	Credit	20	1001	13:00	22/09/2017	21:00	22/09/2017	NULL
50011	customer3	Yes	Canceled	Cash	40	1003	12:00	28/09/2017	20:00	28/09/2017	40
50012	customer1	No	Paid	Credit	50	1002	09:00	10/10/2017	17:00	10/10/2017	NULL
50013	customer1	No	Canceled	Cash	44	1001	10:00	29/10/2017	19:00	30/10/2017	44
50014	customer3	No	Paid	Credit	70	1003	09:30	01/11/2017	16:20	02/11/2017	NULL
50015	customer4	No	Paid	Cash	35	1004	15:00	12/11/2017	21:00	12/11/2017	NULL
50016	customer2	Yes	Paid	Credit	50	1004	13:00	06/12/2017	18:30	08/12/2017	NULL
50017	customer2	No	Canceled	Credit	40	1002	13:20	01/01/2018	18:30	01/01/2018	40
50018	customer3	No	Paid	Credit	55	1003	14:00	02/01/2018	19:00	03/01/2018	NULL
50019	customer1	No	Paid	Credit	60	1002	16:00	10/01/2018	08:00	11/01/2018	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

### Special attributes:

- ID – PK
- Person\_ID – FK (payment\_account.ID)
- Store\_ID – FK (store.ID)

### item\_in\_order:

Order_ID	Item_ID	Type	Amount
50000	3000	Item	2
50000	3001	Item	2
50001	7006	Catalog	1
50002	3005	Item	1
50002	7002	Catalog	1
50003	3003	Item	1
50003	3008	Item	2
50003	3011	Item	4
50004	7002	Catalog	1
50005	7003	Catalog	1
50006	3005	Item	1
50006	3006	Item	1
50006	3007	Item	1
50007	3001	Item	2
50007	3005	Item	1
50008	3009	Item	2
50008	7002	Catalog	1
50009	7003	Catalog	1
50010	3006	Item	1
50011	3000	Item	3
50011	3010	Item	5
50012	3000	Item	1
50012	7001	Catalog	1
50013	3003	Item	1
50013	3010	Item	2
50013	7005	Catalog	1
50014	3000	Item	1
50014	7000	Catalog	1
50015	3010	Item	1
50015	7005	Catalog	1
50016	7003	Catalog	2
50017	7001	Catalog	1
50018	7004	Catalog	1
50019	3005	Item	2
50019	3009	Item	10
50019	3011	Item	2
NULL	NULL	NULL	NULL

### Special attributes:

- Order\_ID – PK , FK (orders.ID)
- Item\_ID – PK, Not FK!

### person:

ID	FirstName	LastName	Password	Privilege	Online	WWID
chainemployee	Anat	Dahan	1	Chain Employee	0	5537
chainmanager	Sergav	Mezin	1	Chain Manager	0	8711
cse	Lola	Gola	1	Customer Service Employee	0	2225
customer1	Hadar	Rahamim	1	Customer	0	NULL
customer2	Netanel	Azoulav	1	Customer	0	NULL
customer3	Aviram	Kunio	1	Customer	0	NULL
customer4	Stas	Fishman	1	Customer	0	NULL
customer5	Roman	Koifman	1	Customer	0	NULL
serviceexpert	Shlomo	Baba	1	Service Expert	0	3356
storeemployee1	Ynon	Gal	1	Store Employee	0	6653
storeemployee2	Gal	Riza	1	Store Employee	0	3387
storeemployee3	Mali	Levi	1	Store Employee	0	8887
storeemployee4	Pini	Aadad	1	Store Employee	0	1142
storemanager1	Lior	Gal	1	Store Manager	0	8765
storemanager2	Ron	Levu	1	Store Manager	0	1234
storemanager3	Avi	Cohen	1	Store Manager	0	8097
storemanager4	Guri	Alfi	1	Store Manager	0	3425
systemmanager	Admin	Admin	1	System Manager	0	4432
NULL	NULL	NULL	NULL	NULL	NULL	NULL

### Special attributes:

- ID – PK

### card:

Order_ID	Type	Text
50000	Birthday	Happy birthday mother!
50008	Wedding	Happy wedding day my love!
50016	Funny	Have a good vibe!!
NULL	NULL	NULL

### Special attributes:

- Order\_ID – PK , FK (orders.ID)

### payment\_account:

ID	CreditCard	Status	Subscription	Store_ID	Start_Date	Refund
chainemployee	4321432143214321	Active	Year	1001	01/01/2018	NULL
chainemployee	4321432143214321	Active	Year	1002	01/01/2018	NULL
chainemployee	4321432143214321	Active	Year	1003	01/01/2018	NULL
chainemployee	4321432143214321	Active	Year	1004	01/01/2018	NULL
chainmanager	1111222233334444	Active	Year	1001	01/01/2018	NULL
chainmanager	4321432143214321	Active	Year	1002	01/01/2018	NULL
chainmanager	4321432143214321	Active	Year	1003	01/01/2018	NULL
chainmanager	4321432143214321	Active	Year	1004	01/01/2018	NULL
cse	5555333366664444	Active	Year	1001	01/01/2018	NULL
customer 1	5364775611429986	Active	Month	1001	20/12/2017	NULL
customer 1	5364775611429986	Active	Year	1002	20/12/2017	NULL
customer2	4435776566789926	Active	Year	1002	03/03/2017	20.0
customer2	4435776566789926	Active	Year	1003	03/08/2017	NULL
customer2	4435776566789926	Active	Month	1004	10/01/2018	40.5
customer3	4456776399899914	Active	Month	1003	05/01/2018	NULL
customer4	5537889755366624	Block	Year	1004	12/05/2017	NULL
serviceexpert	6543789012537648	Active	Year	1002	01/01/2018	NULL
storeemployee1	4356765389076685	Active	Year	1001	01/01/2018	NULL
storeemployee2	6666333829870091	Active	Year	1002	01/01/2018	NULL
storeemployee3	2253667488598864	Active	Year	1003	01/01/2018	NULL
storeemployee4	1132556488950091	Active	Year	1004	01/01/2018	NULL
storemanager1	1234123412341234	Active	Year	1001	01/01/2018	NULL
storemanager2	5432543223452345	Active	Year	1002	01/01/2018	NULL
storemanager3	7654765445674567	Active	Year	1003	01/01/2018	NULL
storemanager4	9876987667896789	Active	Year	1004	01/01/2018	NULL
svstemmanager	0000000000000000	Active	Year	1001	01/01/2018	NULL
svstemmanager	0000000000000000	Active	Year	1002	01/01/2018	NULL
svstemmanager	0000000000000000	Active	Year	1003	01/01/2018	NULL
svstemmanager	0000000000000000	Active	Year	1004	01/01/2018	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL

### Special attributes:

- ID – PK , FK (person.ID)
- Store\_ID – PK, FK(store.ID)

### delivery:

Order_ID	Address	ReceiverName	Phone
50007	Kibbutz Yifat	Hadar	0525455712
50010	Naharia	Netanel	0547668670
50011	Kirvat Motskin	Aviram	0528280637
50016	Karmiel	Stas	0525117725
NULL	NULL	NULL	NULL

### Special attributes:

- Order\_ID – PK , FK (order.ID)

## complaint:

ID	Customer_ID	Text	Status	Answer	Compensation	Date	Hour	Store_Id
80000	customer1	Complain toic: Other The service was badhh	Closed	You richt. we will aive vou compensation	10	02/02/2017	10:21	1001
80001	customer2	Complain toic: Other The manaoer wasn't nice to mv dog	Closed	Sorrv but we will not aive vou compensation	0	10/03/2017	12:03	1002
80002	customer1	Complain toic: Other The store was dirty	Closed	Sorrv but we will not aive vou compensation	0	25/03/2017	12:03	1002
80003	customer3	Complain toic: Other The store was dirty	Closed	You richt. we will aive vou compensation	12	05/05/2017	15:00	1003
80004	customer4	Complain toic: Other Your service was so udlv	Closed	You richt. we will aive vou compensation	5	27/06/2017	15:00	1003
80005	customer2	Complain toic: Other Your service was so udlv	Closed	You richt. we will aive vou compensation	5	30/06/2017	16:00	1003
80006	customer1	Complain toic: Shioing The delivery didn't arrive at time	Closed	You richt. we will aive vou compensation	20	01/07/2017	17:31	1001
80007	customer1	Complain toic: Shioing The delivery didn't arrive at time	Closed	You richt. we will aive vou compensation	20	05/07/2017	12:25	1002
80008	customer4	Complain toic: Zerli Stuff The flowers didn't match to the picture	Closed	You richt. we will aive vou compensation	25	08/08/2017	15:38	1004
80009	customer3	Complain toic: Zerli Stuff The flowers didn't match to the picture	Closed	You richt. we will aive vou compensation	25	09/07/2017	15:38	1003
80010	customer2	Complain toic: Other The store emolovee shout at me	Closed	Sorrv but we will not aive vou compensation	0	27/07/2017	19:02	1003
80011	customer2	Complain toic: Other The store emolovee shout at me	Closed	You richt. we will aive vou compensation	50	10/10/2017	20:12	1001
80012	customer3	Complain toic: Zerli Stuff The vase arrived broken	Closed	You richt. we will aive vou compensation	70	02/11/2017	21:14	1003
80013	customer1	Complain toic: Zerli Stuff The vase arrived broken	Closed	You richt. we will aive vou compensation	65	29/11/2017	22:00	1002
80014	customer2	Complain toic: Zerli Stuff The tape wasn't beautiful	Closed	Sorrv but we will not aive vou compensation	0	12/12/2017	12:45	1002
80015	customer3	Complain toic: Zerli Stuff The tape wasn't beautiful	Closed	Sorrv but we will not aive vou compensation	0	02/01/2018	13:00	1003
80016	customer4	Complain toic: Zerli Stuff The tape wasn't beautiful	Closed	Sorrv but we will not aive vou compensation	0	05/01/2018	15:45	1004
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

## Special attributes:

- ID – PK
- Customer\_ID – FK (person\_ID)
- Store\_Id – FK (store.ID)

## sales:

ID	Description	Discount
40000	Hanuka Sale!	22
40001	End of Year!	30
NULL	NULL	NULL

## Special attributes:

- ID – PK

store:

ID	Location	Open_Hours	Manager_ID	Item_ID	Type	Amount	Sale_ID
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	3000	Item	10	NULL
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	3001	Item	20	NULL
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	3002	Item	25	NULL
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	3003	Item	5	NULL
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	3004	Item	30	NULL
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	3005	Item	33	NULL
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	3006	Item	22	NULL
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	3007	Item	1	NULL
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	3008	Item	11	NULL
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	7000	Catalog	11	NULL
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	7001	Catalog	20	NULL
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	7002	Catalog	24	40000
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	7003	Catalog	15	40000
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	7004	Catalog	15	40000
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	7005	Catalog	18	NULL
1001	Arlozorov Tel Aviv	10:00-22:00	storemanager1	7006	Catalog	17	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	3000	Item	5	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	3001	Item	20	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	3002	Item	55	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	3003	Item	33	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	3004	Item	22	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	3005	Item	23	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	3006	Item	13	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	3007	Item	23	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	3008	Item	43	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	3009	Item	27	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	3010	Item	11	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	3011	Item	9	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	7000	Catalog	17	NULL
1002	HaHalutz Haifa	12:00-20:00	storemanager2	7001	Catalog	55	NULL



1002	HaHalutz Haifa	12:00-20:00	storemanager2	7002	Catalog	30	40001
1002	HaHalutz Haifa	12:00-20:00	storemanager2	7003	Catalog	20	40001
1002	HaHalutz Haifa	12:00-20:00	storemanager2	7004	Catalog	25	40001
1002	HaHalutz Haifa	12:00-20:00	storemanager2	7005	Catalog	34	40001
1002	HaHalutz Haifa	12:00-20:00	storemanager2	7006	Catalog	12	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	3002	Item	10	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	3004	Item	10	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	3005	Item	34	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	3007	Item	33	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	3008	Item	23	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	3009	Item	27	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	3010	Item	40	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	3011	Item	11	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	7001	Catalog	21	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	7002	Catalog	18	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	7003	Catalog	23	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	7004	Catalog	31	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	7005	Catalog	30	NULL
1003	Snunit Carmiel	10:00-21:00	storemanager3	7006	Catalog	44	NULL
1004	Herzel Jerusalem	10:00-21:00	storemanager4	3000	Item	21	NULL
1004	Herzel Jerusalem	10:00-21:00	storemanager4	3003	Item	11	NULL
1004	Herzel Jerusalem	10:00-21:00	storemanager4	3004	Item	10	NULL
1004	Herzel Jerusalem	10:00-21:00	storemanager4	3007	Item	22	NULL
1004	Herzel Jerusalem	10:00-21:00	storemanager4	3008	Item	6	NULL
1004	Herzel Jerusalem	10:00-21:00	storemanager4	3009	Item	55	NULL
1004	Herzel Jerusalem	10:00-21:00	storemanager4	3011	Item	32	NULL
1004	Herzel Jerusalem	10:00-21:00	storemanager4	7002	Catalog	26	NULL
1004	Herzel Jerusalem	10:00-21:00	storemanager4	7003	Catalog	10	NULL
1004	Herzel Jerusalem	10:00-21:00	storemanager4	7005	Catalog	27	NULL
1004	Herzel Jerusalem	10:00-21:00	storemanager4	7006	Catalog	18	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

#### Special attributes:

- ID – PK
- Item\_ID - PK
- Manager\_ID – FK (person.ID)
- Sale\_ID – FK (sales.ID)

#### survey:

ID	Date	Q1	Q2	Q3	Q4
30000	01/01/2017	Rank the service customer to your opinion	Do you think you will order again in the future?	Will you recommend to your friends to buy in Ze...	Do you like your last orders?
30001	01/05/2017	Rank the service customer to your opinion	Do you think you will order again in the future?	Will you recommend to your friends to buy in Ze...	Do you like your last orders?
30002	01/08/2017	Rank the service customer to your opinion	Do you think you will order again in the future?	Will you recommend to your friends to buy in Ze...	Do you like your last orders?
30003	01/11/2017	Rank the service customer to your opinion	Do you think you will order again in the future?	Will you recommend to your friends to buy in Ze...	Do you like your last orders?
30004	03/01/2018	Rank the service customer to your opinion	Do you think you will order again in the future?	Will you recommend to your friends to buy in Ze...	Do you like your last orders?
NULL	NULL	NULL	NULL	NULL	NULL

  

Q5	Q6	A1	A2	A3	A4	A5	A6	Conclusion	Status	Num_Of_Participant
Rank the service of our delivery	In general, do you feel satisfied from ZerLi?	3.3	7.7	6.7	5.5	9.9	3.7	The stores are fine	No Active	4
Rank the service of our delivery	In general, do you feel satisfied from ZerLi?	5.6	4.7	2.3	8.9	10.0	4.7	The stores improvement her service	No Active	4
Rank the service of our delivery	In general, do you feel satisfied from ZerLi?	6.6	7.7	4.1	8.8	9.9	6.7	ZerLi employees do the best	No Active	4
Rank the service of our delivery	In general, do you feel satisfied from ZerLi?	1.7	4.5	4.8	5.5	6.1	2.3	There is decreasing in service customer	No Active	4
Rank the service of our delivery	In general, do you feel satisfied from ZerLi?	4.0	6.0	5.0	5.0	4.0	6.0	NULL	Active	2
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

#### Special attributes:

- ID – PK



### comments\_survey:

ID	Customer_ID	comment
30000	customer1	NULL
30000	customer2	NULL
30000	customer3	It was nice!
30000	customer4	I like the survey
30001	customer1	NULL
30001	customer2	NULL
30001	customer3	NULL
30001	customer4	OMG!
30002	customer1	NULL
30002	customer2	NULL
30002	customer3	NULL
30002	customer4	NULL
30003	customer1	Nice survey
30003	customer2	NULL
30003	customer3	NULL
30003	customer4	NULL
30004	customer3	NULL
30004	customer4	NULL
NULL	NULL	NULL

### Special attributes:

- ID – PK, FK (survey.ID)
- Customer\_ID – PK, FK (person.ID)