All Tables Details

Design Name	assignment
Version Date	14.06.2018 09:45:15
Version Comment	
Model Name	Relational_1

Table Name	branch
Functional Name	branch
Abbreviation	
Classification Type Name	
Object Type Name	

Number Of Columns	7
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	branch_id	P		Y	Integer	LT				
2	branch_name				VARCHAR (255 CHAR)	LT				
3	branch_address				VARCHAR (255 CHAR)	LT				
4	branch_postcode				VARCHAR (6 CHAR)	LT				
5	allocated_manager_id				Integer	LT				
6	switchboard_fk				Integer	LT				
7	switchboard_switchboard_id		F	Y	Integer	LT				

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
branch_PK	PK				branch_id	ASC

Foreign Keys (referring to)

Name	Refering To	Mandatory	Transferable	In Arc	Column Name
branch_switchboard_FK	switchboard	Y	Y		switchboard_id

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Column Name
equipment_type_branch_FK	equipment_type	Y	Y		branch_id
manager_branch_FK	manager	Y	Y		branch_id

Table Name	customer
Functional Name	customer
Abbreviation	
Classification Type Name	
Object Type Name	

Number Of Columns	5
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	Customer_id	P		Y	Integer	LT				
2	Name			Y	VARCHAR (50 CHAR)	LT				
3	DOB				Date	LT				
4	Address				VARCHAR (100 CHAR)	LT				
5	Phone				VARCHAR (11 CHAR)	LT				

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
customer_PK	PK				Customer_id	ASC

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Column Name
hire_transaction_customer_FK	hire_transaction	Y	Y		Customer_id

Table Name	delivery
Functional Name	delivery
Abbreviation	
Classification Type Name	
Object Type Name	

Number Of Columns	6
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	driver_id	P		Y	Integer	LT				
2	employee_id_fk				Integer	LT				
3	license_plate				VARCHAR (8 CHAR)	LT				
4	date_license_obtained				Date	LT				
5	expiry				Date	LT				
6	renewal_date_of_insurance				Date	LT				

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
delivery_PK	PK				driver_id	ASC

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Column Name
employee_delivery_FK	employee	Y	Y		driver_id

Table Name	employee
Functional Name	employee
Abbreviation	
Classification Type Name	
Object Type Name	

Number Of Columns	12
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	Employee_id			Y	Integer	LT				
2	Name				VARCHAR (50 CHAR)	LT				
3	DOB				Date	LT				
4	Address				VARCHAR (100 CHAR)	LT				
5	Email				VARCHAR (255 CHAR)	LT				
6	Employment_date				Date	LT				
7	job_job_id	P	F	Y	Integer	LT				
8	salary_salary_id	P	F	Y	Integer	LT				
9	manager_id_fk				Integer	LT				
10	manager_manager_id	P	F	Y	Integer	LT				
11	delivery_driver_id		F	Y	Integer	LT				
12	manager_branch_id	P	F	Y	Integer	LT				

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
employee_PK	PK				salary_salary_id	ASC
					job_job_id	ASC
					manager_manager_id	ASC

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
					manager_branch_id	ASC
employee__IDX	UN				delivery_driver_id	ASC

Foreign Keys (referring to)

Name	Refering To	Mandatory	Transferable	In Arc	Column Name
employee_salary_FK	salary	Y	Y		salary_id
employee_manager_FK	manager	Y	Y		manager_id
					branch_branch_id
employee_job_FK	job	Y	Y		job_id
employee_delivery_FK	delivery	Y	Y		driver_id

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Column Name
hire_transaction_employee_FK	hire_transaction	Y	Y		salary_salary_id
					job_job_id
					manager_manager_id
					manager_branch_id

Table Name	equipment
Functional Name	equipment
Abbreviation	
Classification Type Name	
Object Type Name	

Number Of Columns	4
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	itemID				VARCHAR (255 CHAR)	LT				
2	service_SID				VARCHAR (255 CHAR)	LT				
3	date_last_service				Date	LT				
4	equipment_ID	P		Y	NUMERIC - AI - ID	LT				

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
equipment_PK	PK				equipment_ID	ASC

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Column Name
link_equipment_FK	link	Y	Y		equipment_ID

Table Name	equipment_type
Functional Name	equipment_type
Abbreviation	
Classification Type Name	
Object Type Name	

Number Of Columns	5
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	equip_id				VARCHAR (255 CHAR)	LT				
2	name				VARCHAR (255 CHAR)	LT				
3	description				VARCHAR (255 CHAR)	LT				
4	hire_rate_daily				DOUBLE (6,2)	LT				
5	branch_branch_id	P	F	Y	Integer	LT				

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
equipment_type_PK	PK				branch_branch_id	ASC

Foreign Keys (referring to)

Name	Refering To	Mandatory	Transferable	In Arc	Column Name
equipment_type_branch_FK	branch	Y	Y		branch_id

Table Name	hire_transaction
Functional Name	hire_transaction
Abbreviation	
Classification Type Name	
Object Type Name	

Number Of Columns	11
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	trans_id	P		Y	Integer	LT				
2	employee_fk				Integer	LT				
3	customer_fk				Integer	LT				
4	date_hired				Date	LT				
5	time_hired				Date	LT				
6	overall_price				DOUBLE (6,2)	LT				
7	employee_salary_id	P	F	Y	Integer	LT				
8	employee_job_id	P	F	Y	Integer	LT				
9	employee_manager_id	P	F	Y	Integer	LT				
10	employee_branch_id	P	F	Y	Integer	LT				
11	customer_Customer_id	P	F	Y	Integer	LT				

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
hire_transaction_PK	PK				trans_id	ASC
					customer_Customer_id	ASC
					employee_salary_id	ASC
					employee_job_id	ASC

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
					employee_manager_id	ASC
					employee_branch_id	ASC

Foreign Keys (referring to)

Name	Refering To	Mandatory	Transferable	In Arc	Column Name
hire_transaction_customer_FK	customer	Y	Y		Customer_id
hire_transaction_employee_FK	employee	Y	Y		salary_salary_id
					job_job_id
					manager_manager_id
					manager_branch_id

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Column Name
link_hire_transaction_FK	link	Y	Y		trans_id
					customer_Customer_id
					employee_salary_id
					employee_job_id
					employee_manager_id
					employee_branch_id

Table Name	job
Functional Name	job
Abbreviation	
Classification Type Name	
Object Type Name	

Number Of Columns	3
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	job_id	P		Y	Integer	LT				
2	job_title			Y	VARCHAR (255 CHAR)	LT				
3	job_description				VARCHAR (255 BYTE)	LT				

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
job_PK	PK				job_id	ASC

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Column Name
employee_job_FK	employee	Y	Y		job_id

Table Name	link
Functional Name	link
Abbreviation	
Classification Type Name	
Object Type Name	

Number Of Columns	14
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	link_id				VARCHAR (255 CHAR)	LT				
2	date_hired				Date	LT				
3	date_to_be_returned				Date	LT				
4	date_returned				Date	LT				
5	price_of_hire_individual				DOUBLE (6,2)	LT				
6	hire_transaction_fk				VARCHAR (255 CHAR)	LT				
7	equipment_fk				VARCHAR (255 CHAR)	LT				
8	hire_trans_id	P	F	Y	Integer	LT				
9	hire_salary_id	P	F	Y	Integer	LT				
10	hire_job_id	P	F	Y	Integer	LT				
11	hire_manager_id	P	F	Y	Integer	LT				
12	hire_branch_id	P	F	Y	Integer	LT				
13	hire_Customer_id	P	F	Y	Integer	LT				
14	equipment_equipment_ID		F	Y	NUMERIC	LT				

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
link_PK	PK				hire_trans_id	ASC

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
					hire_Customer_id	ASC
					hire_salary_id	ASC
					hire_job_id	ASC
					hire_manager_id	ASC
					hire_branch_id	ASC

Foreign Keys (referring to)

Name	Refering To	Mandatory	Transferable	In Arc	Column Name
link_equipment_FK	equipment	Y	Y		equipment_ID
link_hire_transaction_FK	hire_transaction	Y	Y		trans_id
					customer_Customer_id
					employee_salary_id
					employee_job_id
					employee_manager_id
					employee_branch_id

Table Name	manager
Functional Name	manager
Abbreviation	
Classification Type Name	
Object Type Name	

Number Of Columns	3
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	manager_id	P		Y	Integer	LT				
2	manager_name				VARCHAR (255 CHAR)	LT				
3	branch_branch_id	P	F	Y	Integer	LT				

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
manager_PK	PK				manager_id	ASC
					branch_branch_id	ASC

Foreign Keys (referring to)

Name	Refering To	Mandatory	Transferable	In Arc	Column Name
manager_branch_FK	branch	Y	Y		branch_id

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Column Name
employee_manager_FK	employee	Y	Y		manager_id
					branch_branch_id

Table Name	salary
Functional Name	salary
Abbreviation	
Classification Type Name	
Object Type Name	

Number Of Columns	2
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	salary_id	P		Y	Integer	LT				
2	salary_amount				DOUBLE (7,2)	LT				

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
salary_PK	PK				salary_id	ASC

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Column Name
employee_salary_FK	employee	Y	Y		salary_id

Table Name	switchboard
Functional Name	switchboard
Abbreviation	
Classification Type Name	
Object Type Name	

Number Of Columns	4
Number Of Rows Min.	0
Number Of Rows Max.	9999999
Expected Number Of Rows	0
Expected Growth	0
Growth Interval	Year

Columns

No	Column Name	PK	FK	M	Data Type	DT kind	Domain Name	Formula (Default Value)	Security	Abbreviation
1	switchboard_id	P		Y	Integer	LT				
2	phone_number_1				Integer	LT				
3	phone_number_2				Integer	LT				
4	phone_number_3				Integer	LT				

Indexes

Index Name	State	Functional	Spatial	Expression	Column Name	Sort Order
switchboard_PK	PK				switchboard_id	ASC

Foreign Keys (referred from)

Name	Referred From	Mandatory	Transferable	In Arc	Column Name
branch_switchboard_FK	branch	Y	Y		switchboard_id