





## Default Layout

Table account_account			
Account			
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
Idx	message_main_attachment_id	integer	Main Attachment
* Idx	name	varchar	Account Name
	currency_id	integer	Account Currency
* Unq	code	varchar(64)	Code
Idx	deprecated	bool	Deprecated
*	user_type_id	integer	Type
	internal_type	varchar	Internal Type
	internal_group	varchar	Internal Group
	reconcile	bool	Allow Reconciliation
	note	text	Internal Notes
* Unq	company_id	integer	Company
	group_id	integer	Group
	root_id	integer	Root
	is_off_balance	bool	Is Off Balance
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
Indexes			
Pk	account_account_pkey	id	
Unq	account_account_code_company_uniq	code, company_id	
	account_account_code_index	code	
	account_account_deprecated_index	deprecated	
	account_account_message_main_attachment_id_index	message_main_attachment_id	
	account_account_name_index	name	
Foreign Keys			
	account_account_message_main_attachment_id_fk key ( message_main_attachment_id ) ref ir_attachment ( id )		
	account_account_company_id_fkey ( company_id ) ref res_company ( id )		
	account_account_currency_id_fkey ( currency_id ) ref res_currency ( id )		
	account_account_create_uid_fkey ( create_uid ) ref res_users ( id )		
	account_account_write_uid_fkey ( write_uid ) ref res_users ( id )		

Table account_analytic_account			
Analytic Account			
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	

## Table account\_analytic\_account

Idx	message_main_attachment_id	integer	Main Attachment
* Idx	name	varchar	Analytic Account
Idx	code	varchar	Reference
	active	bool	Active
	group_id	integer	Group
	company_id	integer	Company
	partner_id	integer	Customer
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	account_analytic_account_pkey	id	
	account_analytic_account_code_index	code	
	account_analytic_account_message_main_attachment_id_index	message_main_attachment_id	
	account_analytic_account_name_index	name	

### Foreign Keys

	account_analytic_account_message_main_attachment_id_fkey ( message_main_attachment_id ) ref res_attachment ( id )	
	account_analytic_account_company_id_fkey ( company_id ) ref res_company ( id )	
	account_analytic_account_partner_id_fkey ( partner_id ) ref res_partner ( id )	
	account_analytic_account_create_uid_fkey ( create_uid ) ref res_users ( id )	
	account_analytic_account_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table account\_fiscal\_position

### Fiscal Position

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
	sequence	integer	Sequence
*	name	varchar	Fiscal Position
	active	bool	Active
*	company_id	integer	Company
	note	text	Notes
	auto_apply	bool	Detect Automatically
	vat_required	bool	VAT required
	country_id	integer	Country
	country_group_id	integer	Country Group
	zip_from	varchar	Zip Range From
	zip_to	varchar	Zip Range To
	foreign_vat	varchar	Foreign Tax ID
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

## Table account\_fiscal\_position

### Indexes

Pk	account_fiscal_position_pkey	id	
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### Foreign Keys

	account_fiscal_position_company_id_fkey ( company_id ) ref res_company ( id )	
	account_fiscal_position_country_id_fkey ( country_id ) ref res_country ( id )	
	account_fiscal_position_create_uid_fkey ( create_uid ) ref res_users ( id )	
	account_fiscal_position_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table account\_incoterms

### Incoterms

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Name
*	code	varchar(3)	Code
	active	bool	Active
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	account_incoterms_pkey	id	
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### Foreign Keys

	account_incoterms_create_uid_fkey ( create_uid ) ref res_users ( id )	
	account_incoterms_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table account\_move

### Journal Entry

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
Idx	sequence_prefix	varchar	Sequence Prefix
Idx	sequence_number	integer	Sequence Number
Idx	message_main_attachment_id	integer	Main Attachment
	access_token	varchar	Security Token
Idx	name	varchar	Number
* Idx	date	date	Date
	ref	varchar	Reference
	narration	text	Terms and Conditions
* Idx	state	varchar	Status
	posted_before	bool	Posted Before
* Idx	move_type	varchar	Type
	to_check	bool	To Check
* Idx	journal_id	integer	Journal
	company_id	integer	Company
*	currency_id	integer	Currency
	partner_id	integer	Partner

## Table account\_move

	commercial_partner_id	integer	Commercial Entity
	is_move_sent	bool	Is Move Sent
	partner_bank_id	integer	Recipient Bank
Idx	payment_reference	varchar	Payment Reference
Idx	payment_id	integer	Payment
	statement_line_id	integer	Statement Line
	amount_untaxed	numeric	Untaxed Amount
	amount_tax	numeric	Tax
	amount_total	numeric	Total
	amount_residual	numeric	Amount Due
	amount_untaxed_signed	numeric	Untaxed Amount Signed
	amount_tax_signed	numeric	Tax Signed
	amount_total_signed	numeric	Total Signed
	amount_total_in_currency_signed	numeric	Total in Currency Signed
	amount_residual_signed	numeric	Amount Due Signed
Idx	payment_state	varchar	Payment Status
	tax_cash_basis_rec_id	integer	Tax Cash Basis Entry of
Idx	tax_cash_basis_origin_move_id	integer	Cash Basis Origin
	always_tax_exigible	bool	Always Tax Exigible
	auto_post	bool	Post Automatically
	reversed_entry_id	integer	Reversal of
	fiscal_position_id	integer	Fiscal Position
	invoice_user_id	integer	Salesperson
Idx	invoice_date	date	Invoice/Bill Date
Idx	invoice_date_due	date	Due Date
	invoice_origin	varchar	Origin
	invoice_payment_term_id	integer	Payment Terms
	invoice_incoterm_id	integer	Incoterm
	qr_code_method	varchar	Payment QR-code
	invoice_source_email	varchar	Source Email
	invoice_partner_display_name	varchar	Invoice Partner Display Name
	invoice_cash_rounding_id	integer	Cash Rounding Method
	secure_sequence_number	integer	Inalterability No Gap Sequence #
	inalterable_hash	varchar	Inalterability Hash
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	edi_state	varchar	Electronic invoicing
	campaign_id	integer	Campaign
	source_id	integer	Source
	medium_id	integer	Medium
	team_id	integer	Sales Team
	partner_shipping_id	integer	Delivery Address
Idx	stock_move_id	integer	Stock Move

### Indexes

Pk	account_move_pkey	id	
	account_move_date_index	date	
	account_move_invoice_date_due_index	invoice_date_due	
	account_move_invoice_date_index	invoice_date	

## Table account\_move

account_move_message_main_attachment_id_index	message_main_attachment_id	
account_move_move_type_index	move_type	
account_move_name_index	name	
account_move_payment_id_index	payment_id	
account_move_payment_id_x	journal_id, state, payment_state, move_type, date	
account_move_payment_reference_index	payment_reference	
account_move_sequence_index	journal_id, sequence_prefix, sequence_number, name	
account_move_sequence_index2	journal_id, id, sequence_prefix	
account_move_stock_move_id_index	stock_move_id	
account_move_tax_cash_basis_origin_move_id_index	tax_cash_basis_origin_move_id	
account_move_to_check_id_x	journal_id	

### Foreign Keys

account_move_fiscal_position_id_fkey ( fiscal_position_id ) ref account_fiscal_position ( id )	
account_move_invoice_incoterm_id_fkey ( invoice_incoterm_id ) ref account_incoterms ( id )	
account_move_reversed_entry_id_fkey ( reversed_entry_id ) ref account_move ( id )	
account_move_tax_cash_basis_origin_move_id_fkey ( tax_cash_basis_origin_move_id ) ref account_move ( id )	
account_move_invoice_payment_term_id_fkey ( invoice_payment_term_id ) ref account_payment_term ( id )	
account_move_team_id_fkey ( team_id ) ref crm_team ( id )	
account_move_message_main_attachment_id_fkey ( message_main_attachment_id ) ref ir_attachment ( id )	
account_move_company_id_fkey ( company_id ) ref res_company ( id )	
account_move_currency_id_fkey ( currency_id ) ref res_currency ( id )	
account_move_commercial_partner_id_fkey ( commercial_partner_id ) ref res_partner ( id )	
account_move_partner_id_fkey ( partner_id ) ref res_partner ( id )	
account_move_partner_shipping_id_fkey ( partner_shipping_id ) ref res_partner ( id )	
account_move_partner_bank_id_fkey ( partner_bank_id ) ref res_partner_bank ( id )	
account_move_create_uid_fkey ( create_uid ) ref res_users ( id )	
account_move_invoice_user_id_fkey ( invoice_user_id ) ref res_users ( id )	
account_move_write_uid_fkey ( write_uid ) ref res_users ( id )	
account_move_campaign_id_fkey ( campaign_id ) ref utm_campaign ( id )	

## Table account\_move

	account_move_medium_id_fkey ( medium_id ) ref utm_medium ( id )	
	account_move_source_id_fkey ( source_id ) ref utm_source ( id )	

## Table account\_payment\_term

### Payment Terms

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Payment Terms
	active	bool	Active
	note	text	Description on the Invoice
	company_id	integer	Company
*	sequence	integer	Sequence
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	account_payment_term_pkey	id	
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### Foreign Keys

	account_payment_term_company_id_fkey ( company_id ) ref res_company ( id )	
	account_payment_term_create_uid_fkey ( create_uid ) ref res_users ( id )	
	account_payment_term_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table calendar\_event

### Calendar Event

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
Idx	message_main_attachment_id	integer	Main Attachment
*	name	varchar	Meeting Subject
	description	text	Description
	user_id	integer	Organizer
	location	varchar	Location
	videocall_location	varchar	Meeting URL
*	privacy	varchar	Privacy
*	show_as	varchar	Show as
	active	bool	Active
*	start	timestamp	Start
*	stop	timestamp	Stop
	allday	bool	All Day
	start_date	date	Start Date
	stop_date	date	End Date
	duration	float8	Duration
	res_id	integer	Document ID
	res_model_id	integer	Document Model
	res_model	varchar	Document Model Name
	recurrency	bool	Recurrent

## Table calendar\_event

Idx	recurrence_id	integer	Recurrence Rule
	follow_recurrence	bool	Follow Recurrence
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
Idx	opportunity_id	integer	Opportunity

### Indexes

Pk	calendar_event_pkey	id	
	calendar_event_message_main_attachment_id_index	message_main_attachment_id	
	calendar_event_opportunity_id_index	opportunity_id	
	calendar_event_recurrence_id_index	recurrence_id	

### Foreign Keys

	calendar_event_opportunity_id_fkey ( opportunity_id ) ref crm_lead ( id )	
	calendar_event_message_main_attachment_id_fkey ( message_main_attachment_id ) ref ir_attachment ( id )	
	calendar_event_res_model_id_fkey ( res_model_id ) ref ir_model ( id )	
	calendar_event_create_uid_fkey ( create_uid ) ref res_users ( id )	
	calendar_event_user_id_fkey ( user_id ) ref res_users ( id )	
	calendar_event_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table crm\_iap\_lead\_industry

### CRM IAP Lead Industry

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
* Unq	name	varchar	Industry
*	reveal_ids	varchar	Reveal
	color	integer	Color Index
	sequence	integer	Sequence
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	crm_iap_lead_industry_pkey	id	
Unq	crm_iap_lead_industry_name_uniq	name	

### Foreign Keys

	crm_iap_lead_industry_create_uid_fkey ( create_uid ) ref res_users ( id )	
	crm_iap_lead_industry_write_uid_fkey ( write_uid ) ref res_users ( id )	



## Table crm\_iap\_lead\_mining\_request

CRM Lead Mining Request

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Request Number
*	state	varchar	Status
*	lead_number	integer	Number of Leads
*	search_type	varchar	Target
	error_type	varchar	Error Type
*	lead_type	varchar	Type
	team_id	integer	Sales Team
	user_id	integer	Salesperson
	filter_on_size	bool	Filter on Size
	company_size_min	integer	Size
	company_size_max	integer	Company Size Max
	contact_number	integer	Number of Contacts
	contact_filter_type	varchar	Filter on
	preferred_role_id	integer	Preferred Role
	seniority_id	integer	Seniority
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	crm_iap_lead_mining_reque st_pkey	id	
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### Foreign Keys

	crm_iap_lead_mining_request_team_id_fkey ( team_id ) ref crm_team ( id )	
	crm_iap_lead_mining_request_create_uid_fkey ( create_uid ) ref res_users ( id )	
	crm_iap_lead_mining_request_user_id_fkey ( user_id ) ref res_users ( id )	
	crm_iap_lead_mining_request_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table crm\_lead

Lead/Opportunity

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
	campaign_id	integer	Campaign
	source_id	integer	Source
	medium_id	integer	Medium
Idx	message_main_attachment_id	integer	Main Attachment
	phone_sanitized	varchar	Sanitized Number
	email_normalized	varchar	Normalized Email
	message_bounce	integer	Bounce
	email_cc	varchar	Email cc
* Idx	name	varchar	Opportunity
Idx	user_id	integer	Salesperson
Idx	team_id	integer	Sales Team
Idx	company_id	integer	Company
	referred	varchar	Referred By

## Table crm\_lead

	description	text	Notes
	active	bool	Active
* Idx	type	varchar	Type
Idx	priority	varchar	Priority
Idx	stage_id	integer	Stage
	color	integer	Color Index
	expected_revenue	numeric	Expected Revenue
	prorated_revenue	numeric	Prorated Revenue
	recurring_revenue	numeric	Recurring Revenues
	recurring_plan	integer	Recurring Plan
	recurring_revenue_monthly	numeric	Expected MRR
	recurring_revenue_monthly_prorated	numeric	Prorated MRR
	date_closed	timestamp	Closed Date
	date_action_last	timestamp	Last Action
	date_open	timestamp	Assignment Date
	day_open	float8	Days to Assign
	day_close	float8	Days to Close
Idx	date_last_stage_update	timestamp	Last Stage Update
	date_conversion	timestamp	Conversion Date
	date_deadline	date	Expected Closing
Idx	partner_id	integer	Customer
	contact_name	varchar	Contact Name
Idx	partner_name	varchar	Company Name
	function	varchar	Job Position
	title	integer	Title
Idx	email_from	varchar	Email
	phone	varchar	Phone
	mobile	varchar	Mobile
	phone_state	varchar	Phone Quality
	email_state	varchar	Email Quality
Idx	website	varchar	Website
	lang_id	integer	Language
	street	varchar	Street
	street2	varchar	Street2
	zip	varchar	Zip
	city	varchar	City
	state_id	integer	State
	country_id	integer	Country
	probability	float8	Probability
	automated_probability	float8	Automated Probability
Idx	lost_reason	integer	Lost Reason
	create_uid	integer	Created by
Idx	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	reveal_id	varchar	Reveal ID
	iap_enrich_done	bool	Enrichment done
Idx	lead_mining_request_id	integer	Lead Mining Request
<b>Indexes</b>			
Pk	crm_lead_pkey	id	
	crm_lead_company_id_index	company_id	

## Table crm\_lead

crm_lead_create_date_team_id_idx	create_date, team_id	
crm_lead_date_last_stage_update_index	date_last_stage_update	
crm_lead_email_from_index	email_from	
crm_lead_lead_mining_request_id_index	lead_mining_request_id	
crm_lead_lost_reason_index	lost_reason	
crm_lead_message_main_attachment_id_index	message_main_attachment_id	
crm_lead_name_index	name	
crm_lead_partner_id_index	partner_id	
crm_lead_partner_name_index	partner_name	
crm_lead_priority_index	priority	
crm_lead_stage_id_index	stage_id	
crm_lead_team_id_index	team_id	
crm_lead_type_index	type	
crm_lead_user_id_index	user_id	
crm_lead_user_id_team_id_type_index	user_id, team_id, type	
crm_lead_website_index	website	

### Foreign Keys

crm_lead_lead_mining_request_id_fkey ( lead_mining_request_id ) ref crm_iap_lead_mining_request ( id )	
crm_lead_lost_reason_fkey ( lost_reason ) ref crm_lost_reason ( id )	
crm_lead_recurring_plan_fkey ( recurring_plan ) ref crm_recurring_plan ( id )	
crm_lead_stage_id_fkey ( stage_id ) ref crm_stage ( id )	
crm_lead_team_id_fkey ( team_id ) ref crm_team ( id )	
crm_lead_message_main_attachment_id_fkey ( message_main_attachment_id ) ref ir_attachment ( id )	
crm_lead_company_id_fkey ( company_id ) ref res_company ( id )	
crm_lead_country_id_fkey ( country_id ) ref res_country ( id )	
crm_lead_state_id_fkey ( state_id ) ref res_country_state ( id )	
crm_lead_lang_id_fkey ( lang_id ) ref res_lang ( id )	
crm_lead_partner_id_fkey ( partner_id ) ref res_partner ( id )	
crm_lead_title_fkey ( title ) ref res_partner_title ( id )	
crm_lead_create_uid_fkey ( create_uid ) ref res_users ( id )	
crm_lead_user_id_fkey ( user_id ) ref res_users ( id )	
crm_lead_write_uid_fkey ( write_uid ) ref res_users ( id )	
crm_lead_campaign_id_fkey ( campaign_id ) ref utm_campaign ( id )	
crm_lead_medium_id_fkey ( medium_id ) ref utm_medium ( id )	
crm_lead_source_id_fkey ( source_id ) ref utm_source ( id )	

## Table crm\_lost\_reason

Opp. Lost Reason

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Description
	active	bool	Active
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	crm_lost_reason_pkey	id	
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### Foreign Keys

	crm_lost_reason_create_uid_fkey ( create_uid ) ref res_users ( id )		
	crm_lost_reason_write_uid_fkey ( write_uid ) ref res_users ( id )		

## Table crm\_recurring\_plan

CRM Recurring revenue plans

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Plan Name
*	number_of_months	integer	# Months
	active	bool	Active
	sequence	integer	Sequence
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	crm_recurring_plan_pkey	id	
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### Foreign Keys

	crm_recurring_plan_create_uid_fkey ( create_uid ) ref res_users ( id )		
	crm_recurring_plan_write_uid_fkey ( write_uid ) ref res_users ( id )		

## Table crm\_stage

CRM Stages

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Stage Name
	sequence	integer	Sequence
	is_won	bool	Is Won Stage?
	requirements	text	Requirements
	team_id	integer	Sales Team
	fold	bool	Folded in Pipeline
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on



## Table crm\_stage

### Indexes

Pk	crm_stage_pkey	id	
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### Foreign Keys

	crm_stage_team_id_fkey ( team_id ) ref crm_team ( id )	
	crm_stage_create_uid_fkey ( create_uid ) ref res_users ( id )	
	crm_stage_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table crm\_tag

### CRM Tag

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
* Unq	name	varchar	Tag Name
	color	integer	Color
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	crm_tag_pkey	id	
Unq	crm_tag_name_uniq	name	

### Foreign Keys

	crm_tag_create_uid_fkey ( create_uid ) ref res_users ( id )	
	crm_tag_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table crm\_team

### Sales Team

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
Idx	message_main_attachment_id	integer	Main Attachment
*	name	varchar	Sales Team
	sequence	integer	Sequence
	active	bool	Active
Idx	company_id	integer	Company
	user_id	integer	Team Leader
	color	integer	Color Index
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
*	alias_id	integer	Alias
	use_leads	bool	Leads
	use_opportunities	bool	Pipeline
	assignment_optout	bool	Skip auto assignment
	assignment_domain	varchar	Assignment Domain
	use_quotations	bool	Quotations
	invoiced_target	float8	Invoicing Target

## Table crm\_team

### Indexes

Pk	crm_team_pkey	id	
	crm_team_company_id_index	company_id	
	crm_team_message_main_attachment_id_index	message_main_attachment_id	

### Foreign Keys

	crm_team_message_main_attachment_id_fkey ( message_main_attachment_id ) ref ir_attachment ( id )	
	crm_team_alias_id_fkey ( alias_id ) ref mail_alias ( id )	
	crm_team_company_id_fkey ( company_id ) ref res_company ( id )	
	crm_team_create_uid_fkey ( create_uid ) ref res_users ( id )	
	crm_team_user_id_fkey ( user_id ) ref res_users ( id )	
	crm_team_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table crm\_team\_member

### Sales Team Member

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
Idx	message_main_attachment_id	integer	Main Attachment
* Idx	crm_team_id	integer	Sales Team
* Idx	user_id	integer	Salesperson
	active	bool	Active
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	assignment_domain	varchar	Assignment Domain
	assignment_optout	bool	Skip auto assignment
	assignment_max	integer	Average Leads Capacity (on 30 days)

### Indexes

Pk	crm_team_member_pkey	id	
	crm_team_member_crm_team_id_index	crm_team_id	
	crm_team_member_message_main_attachment_id_index	message_main_attachment_id	
	crm_team_member_user_id_index	user_id	

### Foreign Keys

	crm_team_member_crm_team_id_fkey ( crm_team_id ) ref crm_team ( id )	
	crm_team_member_message_main_attachment_id_fkey ( message_main_attachment_id ) ref ir_attachment ( id )	
	crm_team_member_create_uid_fkey ( create_uid ) ref res_users ( id )	
	crm_team_member_user_id_fkey ( user_id ) ref res_users ( id )	
	crm_team_member_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table ir\_attachment

### Attachment

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Name
	description	text	Description
Idx	res_model	varchar	Resource Model
	res_field	varchar	Resource Field
Idx	res_id	integer	Resource ID
	company_id	integer	Company
*	type	varchar	Type
Idx	url	varchar(1024)	Url
	public	bool	Is public document
	access_token	varchar	Access Token
	db_datas	bytea	Database Data
	store_fname	varchar	Stored Filename
	file_size	integer	File Size
Idx	checksum	varchar(40)	Checksum/SHA1
	mimetype	varchar	Mime Type
	index_content	text	Indexed Content
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
Idx	original_id	integer	Original (unoptimized, unresized) attachment

### Indexes

Pk	ir_attachment_pkey	id	
	ir_attachment_checksum_index	checksum	
	ir_attachment_original_id_index	original_id	
	ir_attachment_res_idx	res_model, res_id	
	ir_attachment_url_index	url	

### Foreign Keys

	ir_attachment_original_id_fkey ( original_id ) ref ir_attachment ( id )		
	ir_attachment_company_id_fkey ( company_id ) ref res_company ( id )		
	ir_attachment_create_uid_fkey ( create_uid ) ref res_users ( id )		
	ir_attachment_write_uid_fkey ( write_uid ) ref res_users ( id )		

## Table ir\_model

### Models

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Model Description
* Idx	model	varchar	Model
*	order	varchar	Order
	info	text	Information
	state	varchar	Type
	transient	bool	Transient Model
	create_uid	integer	Created by

**Table ir\_model**

	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	is_mail_thread	bool	Mail Thread
	is_mail_activity	bool	Mail Activity
	is_mail_blacklist	bool	Mail Blacklist
<b>Indexes</b>			
Pk	ir_model_pkey	id	
	ir_model_model_index	model	
<b>Foreign Keys</b>			
	ir_model_create_uid_fkey ( create_uid ) ref res_users ( id )		
	ir_model_write_uid_fkey ( write_uid ) ref res_users ( id )		

**Table mail\_activity**

Activity			
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
* Idx	res_model_id	integer	Document Model
Idx	res_model	varchar	Related Document Model
* Idx	res_id	integer	Related Document ID
	res_name	varchar	Document Name
	activity_type_id	integer	Activity Type
	summary	varchar	Summary
	note	text	Note
* Idx	date_deadline	date	Due Date
	automated	bool	Automated activity
* Idx	user_id	integer	Assigned to
	request_partner_id	integer	Requesting Partner
	recommended_activity_type_id	integer	Recommended Activity Type
	previous_activity_type_id	integer	Previous Activity Type
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	calendar_event_id	integer	Calendar Meeting
<b>Indexes</b>			
Pk	mail_activity_pkey	id	
	mail_activity_date_deadline_index	date_deadline	
	mail_activity_res_id_index	res_id	
	mail_activity_res_model_id_index	res_model_id	
	mail_activity_res_model_index	res_model	
	mail_activity_user_id_index	user_id	
<b>Foreign Keys</b>			
	mail_activity_calendar_event_id_fkey ( calendar_event_id ) ref calendar_event ( id )		
	mail_activity_res_model_id_fkey ( res_model_id ) ref ir_model ( id )		



## Table mail\_activity

	mail_activity_activity_type_id_fkey ( activity_type_id ) ref mail_activity_type ( id )	
	mail_activity_previous_activity_type_id_fkey ( previous_activity_type_id ) ref mail_activity_type ( id )	
	mail_activity_recommended_activity_type_id_fkey ( recommended_activity_type_id ) ref mail_activity_type ( id )	
	mail_activity_request_partner_id_fkey ( request_partner_id ) ref res_partner ( id )	
	mail_activity_create_uid_fkey ( create_uid ) ref res_users ( id )	
	mail_activity_user_id_fkey ( user_id ) ref res_users ( id )	
	mail_activity_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table mail\_activity\_type

Activity Type			
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Name
	summary	varchar	Default Summary
	sequence	integer	Sequence
	active	bool	Active
Idx	create_uid	integer	Create Uid
	delay_count	integer	Schedule
*	delay_unit	varchar	Delay units
*	delay_from	varchar	Delay Type
	icon	varchar	Icon
	decoration_type	varchar	Decoration Type
	res_model	varchar	Model
	triggered_next_type_id	integer	Trigger
*	chaining_type	varchar	Chaining Type
	category	varchar	Action
	default_user_id	integer	Default User
	default_note	text	Default Note
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	mail_activity_type_pkey	id	
	mail_activity_type_create_uid_index	create_uid	

### Foreign Keys

	mail_activity_type_triggered_next_type_id_fkey ( triggered_next_type_id ) ref mail_activity_type ( id )	
	mail_activity_type_create_uid_fkey ( create_uid ) ref res_users ( id )	
	mail_activity_type_default_user_id_fkey ( default_user_id ) ref res_users ( id )	
	mail_activity_type_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table mail\_alias

### Email Aliases

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
Unq	alias_name	varchar	Alias Name
*	alias_model_id	integer	Aliased Model
	alias_user_id	integer	Owner
*	alias_defaults	text	Default Values
	alias_force_thread_id	integer	Record Thread ID
	alias_parent_model_id	integer	Parent Model
	alias_parent_thread_id	integer	Parent Record Thread ID
*	alias_contact	varchar	Alias Contact Security
	alias_bounced_content	text	Custom Bounced Message
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	mail_alias_pkey	id	
Unq	mail_alias_alias_unique	alias_name	

### Foreign Keys

	mail_alias_alias_model_id_fkey ( alias_model_id ) ref ir_model ( id )		
	mail_alias_alias_parent_model_id_fkey ( alias_parent_model_id ) ref ir_model ( id )		
	mail_alias_alias_user_id_fkey ( alias_user_id ) ref res_users ( id )		
	mail_alias_create_uid_fkey ( create_uid ) ref res_users ( id )		
	mail_alias_write_uid_fkey ( write_uid ) ref res_users ( id )		

## Table mail\_channel

### Discussion Channel

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	alias_id	integer	Alias
Idx	message_main_attachment_id	integer	Main Attachment
*	name	varchar	Name
	active	bool	Active
	channel_type	varchar	Channel Type
	default_display_mode	varchar	Default Display Mode
	description	text	Description
Unq	uuid	varchar(50)	UUID
*	public	varchar	Privacy
	group_public_id	integer	Authorized Group
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	mail_channel_pkey	id	
Unq	mail_channel_uuid_unique	uuid	

## Table mail\_channel

	mail_channel_message_main_attachment_id_index	message_main_attachment_id	
<b>Foreign Keys</b>			
	mail_channel_message_main_attachment_id_fkey ( message_main_attachment_id ) ref ir_attachment ( id )		
	mail_channel_alias_id_fkey ( alias_id ) ref mail_alias ( id )		
	mail_channel_create_uid_fkey ( create_uid ) ref res_users ( id )		
	mail_channel_write_uid_fkey ( write_uid ) ref res_users ( id )		

## Table mail\_followers

### Document Followers

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
* Unq	res_model	varchar	Related Document Model Name
Unq	res_id	integer	Related Document ID
* Unq	partner_id	integer	Related Partner

### Indexes

Pk	mail_followers_pkey	id	
Unq	mail_followers_mail_followers_res_partner_res_model_id_uniq	res_model, res_id, partner_id	
	mail_followers_partner_id_index	partner_id	
	mail_followers_res_id_index	res_id	
	mail_followers_res_model_index	res_model	

### Foreign Keys

	mail_followers_partner_id_fkey ( partner_id ) ref res_partner ( id )		
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## Table mail\_message

### Message

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
	subject	varchar	Subject
	date	timestamp	Date
	body	text	Contents
Idx	parent_id	integer	Parent Message
Idx	model	varchar	Related Document Model
Idx	res_id	integer	Related Document ID
	record_name	varchar	Message Record Name
*	message_type	varchar	Type
Idx	subtype_id	integer	Subtype
Idx	mail_activity_type_id	integer	Mail Activity Type
	is_internal	bool	Employee Only
	email_from	varchar	From
Idx	author_id	integer	Author
	author_guest_id	integer	Guest

## Table mail\_message

	reply_to_force_new	bool	No threading for answers
Idx	message_id	varchar	Message-Id
	reply_to	varchar	Reply-To
	mail_server_id	integer	Outgoing mail server
	email_layout_xmllid	varchar	Layout
	add_sign	bool	Add Sign
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	mail_message_pkey	id	
	mail_message_author_id_index	author_id	
	mail_message_mail_activity_type_id_index	mail_activity_type_id	
	mail_message_message_id_index	message_id	
	mail_message_model_index	model	
	mail_message_model_res_id_idx	model, res_id	
	mail_message_parent_id_index	parent_id	
	mail_message_res_id_index	res_id	
	mail_message_subtype_id_index	subtype_id	

### Foreign Keys

	mail_message_mail_activity_type_id_fkey ( mail_activity_type_id ) ref mail_activity_type ( id )		
	mail_message_parent_id_fkey ( parent_id ) ref mail_message ( id )		
	mail_message_author_id_fkey ( author_id ) ref res_partner ( id )		
	mail_message_create_uid_fkey ( create_uid ) ref res_users ( id )		
	mail_message_write_uid_fkey ( write_uid ) ref res_users ( id )		

## Table mail\_template

### Email Templates

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
	lang	varchar	Language
	name	varchar	Name
	model_id	integer	Applies to
Idx	model	varchar	Related Document Model
	subject	varchar	Subject
	email_from	varchar	From
	use_default_to	bool	Default recipients
	email_to	varchar	To (Emails)
	partner_to	varchar	To (Partners)
	email_cc	varchar	Cc
	reply_to	varchar	Reply To
	body_html	text	Body
	report_name	varchar	Report Filename



## Table mail\_template

	report_template	integer	Optional report to print and attach
	mail_server_id	integer	Outgoing Mail Server
	scheduled_date	varchar	Scheduled Date
	auto_delete	bool	Auto Delete
	ref_ir_act_window	integer	Sidebar action
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	mail_template_pkey	id	
	mail_template_model_index	model	

### Foreign Keys

	mail_template_model_id_fkey ( model_id ) ref ir_model ( id )	
	mail_template_create_uid_fkey ( create_uid ) ref res_users ( id )	
	mail_template_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table payment\_token

### Payment Token

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	acquirer_id	integer	Acquirer Account
*	name	varchar	Name
*	partner_id	integer	Partner
Idx	company_id	integer	Company
*	acquirer_ref	varchar	Acquirer Reference
	verified	bool	Verified
	active	bool	Active
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	payment_token_pkey	id	
	payment_token_company_id_index	company_id	

### Foreign Keys

	payment_token_company_id_fkey ( company_id ) ref res_company ( id )	
	payment_token_partner_id_fkey ( partner_id ) ref res_partner ( id )	
	payment_token_create_uid_fkey ( create_uid ) ref res_users ( id )	
	payment_token_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table payment\_transaction

### Payment Transaction

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
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## Table payment\_transaction

*	acquirer_id	integer	Acquirer
Idx	company_id	integer	Company
* Unq	reference	varchar	Reference
	acquirer_reference	varchar	Acquirer Reference
*	amount	numeric	Amount
*	currency_id	integer	Currency
	fees	numeric	Fees
	token_id	integer	Payment Token
* Idx	state	varchar	Status
	state_message	text	Message
	last_state_change	timestamp	Last State Change Date
Idx	operation	varchar	Operation
	payment_id	integer	Payment
	source_transaction_id	integer	Source Transaction
	is_post_processed	bool	Is Post-processed
	tokenize	bool	Create Token
	landing_route	varchar	Landing Route
	callback_model_id	integer	Callback Document Model
	callback_res_id	integer	Callback Record ID
	callback_method	varchar	Callback Method
	callback_hash	varchar	Callback Hash
	callback_is_done	bool	Callback Done
*	partner_id	integer	Customer
	partner_name	varchar	Partner Name
	partner_lang	varchar	Language
	partner_email	varchar	Email
	partner_address	varchar	Address
	partner_zip	varchar	Zip
	partner_city	varchar	City
	partner_state_id	integer	State
	partner_country_id	integer	Country
	partner_phone	varchar	Phone
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	payment_transaction_pkey	id	
Unq	payment_transaction_refere nce_uniq	reference	
	payment_transaction_comp any_id_index	company_id	
	payment_transaction_operat ion_index	operation	
	payment_transaction_state_ index	state	

### Foreign Keys

	payment_transaction_callback_model_id_fkey ( callback_model_id ) ref ir_model ( id )	
	payment_transaction_token_id_fkey ( token_id ) ref payment_token ( id )	
	payment_transaction_source_transaction_id_fkey ( source_transaction_id ) ref payment_transaction ( id )	

## Table payment\_transaction

	payment_transaction_company_id_fkey ( company_id ) ref res_company ( id )	
	payment_transaction_partner_country_id_fkey ( partner_country_id ) ref res_country ( id )	
	payment_transaction_partner_state_id_fkey ( partner_state_id ) ref res_country_state ( id )	
	payment_transaction_currency_id_fkey ( currency_id ) ref res_currency ( id )	
	payment_transaction_partner_id_fkey ( partner_id ) ref res_partner ( id )	
	payment_transaction_create_uid_fkey ( create_uid ) ref res_users ( id )	
	payment_transaction_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table pos\_config

Point of Sale Configuration

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
* Idx	name	varchar	Point of Sale
*	picking_type_id	integer	Operation Type
	journal_id	integer	Point of Sale Journal
	invoice_journal_id	integer	Invoice Journal
	iface_cashdrawer	bool	Cashdrawer
	iface_electronic_scale	bool	Electronic Scale
	iface_customer_facing_display_via_proxy	bool	Customer Facing Display
	iface_customer_facing_display_local	bool	Local Customer Facing Display
	iface_print_via_proxy	bool	Print via Proxy
	iface_scan_via_proxy	bool	Scan via Proxy
	iface_big_scrollbars	bool	Large Scrollbars
	iface_orderline_customer_notes	bool	Customer Notes
	iface_print_auto	bool	Automatic Receipt Printing
	iface_print_skip_screen	bool	Skip Preview Screen
*	iface_tax_included	varchar	Tax Display
	iface_startcateg_id	integer	Initial Category
	iface_display_categ_images	bool	Display Category Pictures
	restrict_price_control	bool	Restrict Price Modifications to Managers
	set_maximum_difference	bool	Set Maximum Difference
	receipt_header	text	Receipt Header
	receipt_footer	text	Receipt Footer
	proxy_ip	varchar(45)	IP Address
	active	bool	Active
	uuid	varchar	Uuid
	sequence_id	integer	Order IDs Sequence
	sequence_line_id	integer	Order Line IDs Sequence
*	pricelist_id	integer	Default Pricelist
*	company_id	integer	Company
*	barcode_nomenclature_id	integer	Barcode Nomenclature
	group_pos_manager_id	integer	Point of Sale Manager Group
	group_pos_user_id	integer	Point of Sale User Group
	iface_tipproduct	bool	Product tips
	tip_product_id	integer	Tip Product

## Table pos\_config

	default_fiscal_position_id	integer	Default Fiscal Position
	use_pricelist	bool	Use a pricelist.
	tax_regime	bool	Tax Regime
	tax_regime_selection	bool	Tax Regime Selection value
	start_category	bool	Start Category
	limit_categories	bool	Restrict Product Categories
	module_account	bool	Invoicing
	module_pos_restaurant	bool	Is a Bar/Restaurant
	module_pos_discount	bool	Global Discounts
	module_pos_loyalty	bool	Loyalty Program
	module_pos_mercury	bool	Integrated Card Payments
	product_configurator	bool	Product Configurator
	is_posbox	bool	PosBox
	is_header_or_footer	bool	Header & Footer
	module_pos_hr	bool	Module Pos Hr
	amount_authorized_diff	float8	Amount Authorized Difference
	other_devices	bool	Other Devices
	rounding_method	integer	Cash rounding
	cash_rounding	bool	Cash Rounding
	only_round_cash_method	bool	Only apply rounding on cash
	manual_discount	bool	Manual Discounts
	ship_later	bool	Ship Later
	warehouse_id	integer	Warehouse
	route_id	integer	Specfic route for products delivered later.
*	picking_policy	varchar	Shipping Policy
	limited_products_loading	bool	Limited Product Loading
	limited_products_amount	integer	Limited Products Amount
	product_load_background	bool	Product Load Background
	limited_partners_loading	bool	Limited Partners Loading
	limited_partners_amount	integer	Limited Partners Amount
	partner_load_background	bool	Partner Load Background
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	epson_printer_ip	varchar	Epson Printer IP
	crm_team_id	integer	Sales Team
	down_payment_product_id	integer	Down Payment Product

### Indexes

Pk	pos_config_pkey	id	
	pos_config_name_index	name	

### Foreign Keys

	pos_config_default_fiscal_position_id_fkey ( default_fiscal_position_id ) ref account_fiscal_position ( id )	
	pos_config_crm_team_id_fkey ( crm_team_id ) ref crm_team ( id )	
	pos_config_pricelist_id_fkey ( pricelist_id ) ref product_pricelist ( id )	
	pos_config_company_id_fkey ( company_id ) ref res_company ( id )	
	pos_config_create_uid_fkey ( create_uid ) ref res_users ( id )	
	pos_config_write_uid_fkey ( write_uid ) ref res_users ( id )	



## Table pos\_config

pos\_config\_warehouse\_id\_fkey ( warehouse\_id )  
ref stock\_warehouse ( id )

## Table pos\_order

Point of Sale Orders

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Order Ref
Idx	date_order	timestamp	Date
	user_id	integer	Responsible
*	amount_tax	numeric	Taxes
*	amount_total	numeric	Total
*	amount_paid	numeric	Paid
*	amount_return	numeric	Returned
*	company_id	integer	Company
*	pricelist_id	integer	Pricelist
Idx	partner_id	integer	Customer
	sequence_number	integer	Sequence Number
* Idx	session_id	integer	Session
	currency_rate	numeric	Currency Rate
	state	varchar	Status
Idx	account_move	integer	Invoice
	procurement_group_id	integer	Procurement Group
	note	text	Internal Notes
	nb_print	integer	Number of Print
	pos_reference	varchar	Receipt Number
	sale_journal	integer	Sales Journal
	fiscal_position_id	integer	Fiscal Position
	to_invoice	bool	To invoice
	to_ship	bool	To ship
	is_tipped	bool	Is this already tipped?
	tip_amount	numeric	Tip Amount
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	crm_team_id	integer	Sales Team

### Indexes

Pk	pos_order_pkey	id	
	pos_order_account_move_index	account_move	
	pos_order_date_order_index	date_order	
	pos_order_partner_id_index	partner_id	
	pos_order_session_id_index	session_id	

### Foreign Keys

	pos_order_fiscal_position_id_fkey ( fiscal_position_id ) ref account_fiscal_position ( id )	
	pos_order_account_move_fkey ( account_move ) ref account_move ( id )	
	pos_order_crm_team_id_fkey ( crm_team_id ) ref crm_team ( id )	

## Table pos\_order

	pos_order_procurement_group_id_fkey ( procurement_group_id ) ref procurement_group ( id )	
	pos_order_pricelist_id_fkey ( pricelist_id ) ref product_pricelist ( id )	
	pos_order_company_id_fkey ( company_id ) ref res_company ( id )	
	pos_order_partner_id_fkey ( partner_id ) ref res_partner ( id )	
	pos_order_create_uid_fkey ( create_uid ) ref res_users ( id )	
	pos_order_user_id_fkey ( user_id ) ref res_users ( id )	
	pos_order_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table pos\_order\_line

### Point of Sale Order Lines

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
	company_id	integer	Company
*	name	varchar	Line No
	notice	varchar	Discount Notice
*	product_id	integer	Product
	price_unit	numeric	Unit Price
	qty	numeric	Quantity
*	price_subtotal	numeric	Subtotal w/o Tax
*	price_subtotal_incl	numeric	Subtotal
	total_cost	numeric	Total cost
	is_total_cost_computed	bool	Is Total Cost Computed
	discount	numeric	Discount (%)
* Idx	order_id	integer	Order Ref
	full_product_name	varchar	Full Product Name
	customer_note	varchar	Customer Note
	refunded_orderline_id	integer	Refunded Order Line
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	sale_order_origin_id	integer	Linked Sale Order
	sale_order_line_id	integer	Source Sale Order Line
	down_payment_details	text	Down Payment Details

### Indexes

Pk	pos_order_line_pkey	id	
	pos_order_line_order_id_in dex	order_id	

### Foreign Keys

	pos_order_line_order_id_fkey ( order_id ) ref pos_order ( id )	
	pos_order_line_refunded_orderline_id_fkey ( refunded_orderline_id ) ref pos_order_line ( id )	
	pos_order_line_company_id_fkey ( company_id ) ref res_company ( id )	
	pos_order_line_create_uid_fkey ( create_uid ) ref res_users ( id )	

## Table pos\_order\_line

	pos_order_line_write_uid_fkey ( write_uid ) ref res_users ( id )	
	pos_order_line_sale_order_origin_id_fkey ( sale_order_origin_id ) ref sale_order ( id )	
	pos_order_line_sale_order_line_id_fkey ( sale_order_line_id ) ref sale_order_line ( id )	

## Table procurement\_group

### Procurement Group

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
	partner_id	integer	Partner
*	name	varchar	Reference
*	move_type	varchar	Delivery Type
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	sale_id	integer	Sale Order
	pos_order_id	integer	POS Order

### Indexes

Pk	procurement_group_pkey	id	
----	------------------------	----	--

### Foreign Keys

	procurement_group_pos_order_id_fkey ( pos_order_id ) ref pos_order ( id )	
	procurement_group_partner_id_fkey ( partner_id ) ref res_partner ( id )	
	procurement_group_create_uid_fkey ( create_uid ) ref res_users ( id )	
	procurement_group_write_uid_fkey ( write_uid ) ref res_users ( id )	
	procurement_group_sale_id_fkey ( sale_id ) ref sale_order ( id )	

## Table product\_pricelist

### Pricelist

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Pricelist Name
	active	bool	Active
*	currency_id	integer	Currency
	company_id	integer	Company
	sequence	integer	Sequence
*	discount_policy	varchar	Discount Policy
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	product_pricelist_pkey	id	
----	------------------------	----	--

### Foreign Keys

	product_pricelist_company_id_fkey ( company_id ) ref res_company ( id )	
--	---	--

## Table product\_pricelist

	product_pricelist_currency_id_fkey ( currency_id ) ref res_currency ( id )	
	product_pricelist_create_uid_fkey ( create_uid ) ref res_users ( id )	
	product_pricelist_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table res\_company

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
* Unq	name	varchar	
*	partner_id	integer	
*	currency_id	integer	
	sequence	integer	
	create_date	timestamp	
Idx	parent_id	integer	Parent Company
	report_header	text	Company Tagline
	report_footer	text	Report Footer
	company_details	text	Company Details
	logo_web	bytea	Logo Web
	email	varchar	Email
	phone	varchar	Phone
	mobile	varchar	Mobile
	company_registry	varchar	Company Registry
	paperformat_id	integer	Paper format
	external_report_layout_id	integer	Document Template
	base_onboarding_company_state	varchar	State of the onboarding company step
	font	varchar	Font
	primary_color	varchar	Primary Color
	secondary_color	varchar	Secondary Color
*	layout_background	varchar	Layout Background
	create_uid	integer	Created by
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	resource_calendar_id	integer	Default Working Hours
	partner_gid	integer	Company database ID
	iap_enrich_auto_done	bool	Enrich Done
	snailmail_color	bool	Color
	snailmail_cover	bool	Add a Cover Page
	snailmail_duplex	bool	Both sides
*	fiscalyear_last_day	integer	Fiscalyear Last Day
*	fiscalyear_last_month	varchar	Fiscalyear Last Month
	period_lock_date	date	Lock Date for Non-Advisers
	fiscalyear_lock_date	date	Lock Date
	tax_lock_date	date	Tax Lock Date
	transfer_account_id	integer	Inter-Banks Transfer Account
	expects_chart_of_accounts	bool	Expects a Chart of Accounts
	chart_template_id	integer	Chart Template
	bank_account_code_prefix	varchar	Prefix of the bank accounts
	cash_account_code_prefix	varchar	Prefix of the cash accounts
	default_cash_difference_income_account_id	integer	Cash Difference Income Account

**Table res\_company**

	default_cash_difference_expense_account_id	integer	Cash Difference Expense Account
	account_journal_suspense_account_id	integer	Journal Suspense Account
	account_journal_payment_debit_account_id	integer	Journal Outstanding Receipts Account
	account_journal_payment_credit_account_id	integer	Journal Outstanding Payments Account
	transfer_account_code_prefix	varchar	Prefix of the transfer accounts
	account_sale_tax_id	integer	Default Sale Tax
	account_purchase_tax_id	integer	Default Purchase Tax
	tax_calculation_rounding_method	varchar	Tax Calculation Rounding Method
	currency_exchange_journal_id	integer	Exchange Gain or Loss Journal
	income_currency_exchange_account_id	integer	Gain Exchange Rate Account
	expense_currency_exchange_account_id	integer	Loss Exchange Rate Account
	anglo_saxon_accounting	bool	Use anglo-saxon accounting
	property_stock_account_input_cat_id	integer	Input Account for Stock Valuation
	property_stock_account_output_cat_id	integer	Output Account for Stock Valuation
	property_stock_valuation_account_id	integer	Account Template for Stock Valuation
	incoterm_id	integer	Default incoterm
	qr_code	bool	Display QR-code on invoices
	invoice_is_email	bool	Email by default
	invoice_is_print	bool	Print by default
	account_opening_move_id	integer	Opening Journal Entry
*	account_opening_date	date	Opening Entry
	account_setup_bank_data_state	varchar	State of the onboarding bank data step
	account_setup_fy_data_state	varchar	State of the onboarding fiscal year step
	account_setup_coa_state	varchar	State of the onboarding charts of account step
	account_setup_taxes_state	varchar	State of the onboarding Taxes step
	account_onboarding_invoice_layout_state	varchar	State of the onboarding invoice layout step
	account_onboarding_create_invoice_state	varchar	State of the onboarding create invoice step
	account_onboarding_sale_tax_state	varchar	State of the onboarding sale tax step
	account_invoice_onboarding_state	varchar	State of the account invoice onboarding panel
	account_dashboard_onboarding_state	varchar	State of the account dashboard onboarding panel
	invoice_terms	text	Default Terms and Conditions
	terms_type	varchar	Terms & Conditions format
	invoice_terms_html	text	Default Terms and Conditions as a Web page
	account_setup_bill_state	varchar	State of the onboarding bill step
	account_default_pos_receivable_account_id	integer	Default PoS Receivable Account
	expense_accrual_account_id	integer	Expense Accrual Account
	revenue_accrual_account_id	integer	Revenue Accrual Account

## Table res\_company

	automatic_entry_default_journal_id	integer	Automatic Entry Default Journal
	account_fiscal_country_id	integer	Fiscal Country
	tax_exigibility	bool	Use Cash Basis
	tax_cash_basis_journal_id	integer	Cash Basis Journal
	account_cash_basis_base_account_id	integer	Base Tax Received Account
	payment_acquirer_onboarding_state	varchar	State of the onboarding payment acquirer step
	payment_onboarding_payment_method	varchar	Selected onboarding payment method
	invoice_is_snailmail	bool	Send by Post
	portal_confirmation_sign	bool	Online Signature
	portal_confirmation_pay	bool	Online Payment
	quotation_validity_days	integer	Default Quotation Validity (Days)
	sale_quotation_onboarding_state	varchar	State of the sale onboarding panel
	sale_onboarding_order_confirmation_state	varchar	State of the onboarding confirmation order step
	sale_onboarding_sample_quotation_state	varchar	State of the onboarding sample quotation step
	sale_onboarding_payment_method	varchar	Sale onboarding selected payment method
	sale_order_template_id	integer	Default Sale Template
	nomenclature_id	integer	Nomenclature
	internal_transit_location_id	integer	Internal Transit Location
	stock_move_email_validation	bool	Email Confirmation picking
	stock_mail_confirmation_template_id	integer	Email Template confirmation picking
	annual_inventory_month	varchar	Annual Inventory Month
	annual_inventory_day	integer	Day of the month
	stock_move_sms_validation	bool	SMS Confirmation
	stock_sms_confirmation_template_id	integer	SMS Template
	has_received_warning_stock_sms	bool	Has Received Warning Stock Sms
*	security_lead	float8	Sales Safety Days
	point_of_sale_update_stock_quantities	varchar	Update quantities in stock
*	po_lead	float8	Purchase Lead Time
	po_lock	varchar	Purchase Order Modification
	po_double_validation	varchar	Levels of Approvals
	po_double_validation_amount	numeric	Double validation amount
	days_to_purchase	float8	Days to Purchase

### Indexes

Pk	res_company_pkey	id	
Unq	res_company_name_uniq	name	
	res_company_parent_id_index	parent_id	

### Foreign Keys

	res_company_account_cash_basis_base_account_id_fkey ( account_cash_basis_base_account_id ) ref account_account ( id )	
	res_company_account_default_pos_receivable_account_id_fkey ( account_default_pos_receivable_account_id ) ref account_account ( id )	



## Table res\_company

res_company_account_journal_payment_credit_account_id_fkey ( account_journal_payment_credit_account_id ) ref account_account ( id )	
res_company_account_journal_payment_debit_account_id_fkey ( account_journal_payment_debit_account_id ) ref account_account ( id )	
res_company_account_journal_suspense_account_id_fkey ( account_journal_suspense_account_id ) ref account_account ( id )	
res_company_default_cash_difference_expense_account_id_fkey ( default_cash_difference_expense_account_id ) ref account_account ( id )	
res_company_default_cash_difference_income_account_id_fkey ( default_cash_difference_income_account_id ) ref account_account ( id )	
res_company_expense_accrual_account_id_fkey ( expense_accrual_account_id ) ref account_account ( id )	
res_company_expense_currency_exchange_account_id_fkey ( expense_currency_exchange_account_id ) ref account_account ( id )	
res_company_income_currency_exchange_account_id_fkey ( income_currency_exchange_account_id ) ref account_account ( id )	
res_company_property_stock_account_input_category_id_fkey ( property_stock_account_input_category_id ) ref account_account ( id )	
res_company_property_stock_account_output_category_id_fkey ( property_stock_account_output_category_id ) ref account_account ( id )	
res_company_property_stock_valuation_account_id_fkey ( property_stock_valuation_account_id ) ref account_account ( id )	
res_company_revenue_accrual_account_id_fkey ( revenue_accrual_account_id ) ref account_account ( id )	
res_company_transfer_account_id_fkey ( transfer_account_id ) ref account_account ( id )	
res_company_incoterm_id_fkey ( incoterm_id ) ref account_incoterms ( id )	
res_company_account_opening_move_id_fkey ( account_opening_move_id ) ref account_move ( id )	
res_company_stock_mail_confirmation_template_id_fkey ( stock_mail_confirmation_template_id ) ref mail_template ( id )	
res_company_parent_id_fkey ( parent_id ) ref res_company ( id )	
res_company_account_fiscal_country_id_fkey ( account_fiscal_country_id ) ref res_country ( id )	
res_company_currency_id_fkey ( currency_id ) ref res_currency ( id )	
res_company_partner_id_fkey ( partner_id ) ref res_partner ( id )	
res_company_create_uid_fkey ( create_uid ) ref res_users ( id )	
res_company_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table res\_company

	res_company_sale_order_template_id_fkey ( sale_order_template_id ) ref sale_order_template ( id )	
	res_company_internal_transit_location_id_fkey ( internal_transit_location_id ) ref stock_location ( id )	

## Table res\_country

Country			
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
* Unq	name	varchar	Country Name
Unq	code	varchar(2)	Country Code
	address_format	text	Layout in Reports
	address_view_id	integer	Input View
	currency_id	integer	Currency
	phone_code	integer	Country Calling Code
	name_position	varchar	Customer Name Position
	vat_label	varchar	Vat Label
	state_required	bool	State Required
	zip_required	bool	Zip Required
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
Indexes			
Pk	res_country_pkey	id	
Unq	res_country_code_uniq	code	
Unq	res_country_name_uniq	name	
Foreign Keys			
	res_country_currency_id_fkey ( currency_id ) ref res_currency ( id )		
	res_country_create_uid_fkey ( create_uid ) ref res_users ( id )		
	res_country_write_uid_fkey ( write_uid ) ref res_users ( id )		

## Table res\_country\_state

Country state			
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
* Unq	country_id	integer	Country
* Unq	name	varchar	State Name
* Unq	code	varchar	State Code
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
Indexes			
Pk	res_country_state_pkey	id	

## Table res\_country\_state

Unq	res_country_state_name_code_uniq	country_id, code	
<b>Foreign Keys</b>			
	res_country_state_country_id_fkey ( country_id ) ref res_country ( id )		
	res_country_state_create_uid_fkey ( create_uid ) ref res_users ( id )		
	res_country_state_write_uid_fkey ( write_uid ) ref res_users ( id )		

## Table res\_currency

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
* Unq	name	varchar	
*	symbol	varchar	
	full_name	varchar	Name
	rounding	numeric	Rounding Factor
	decimal_places	integer	Decimal Places
	active	bool	Active
	position	varchar	Symbol Position
	currency_unit_label	varchar	Currency Unit
	currency_subunit_label	varchar	Currency Subunit
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
<b>Indexes</b>			
Pk	res_currency_pkey	id	
Unq	res_currency_unique_name	name	
<b>Foreign Keys</b>			
	res_currency_create_uid_fkey ( create_uid ) ref res_users ( id )		
	res_currency_write_uid_fkey ( write_uid ) ref res_users ( id )		

## Table res\_lang

Languages			
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
* Unq	name	varchar	Name
* Unq	code	varchar	Locale Code
	iso_code	varchar	ISO code
* Unq	url_code	varchar	URL Code
	active	bool	Active
*	direction	varchar	Direction
*	date_format	varchar	Date Format
*	time_format	varchar	Time Format
*	week_start	varchar	First Day of Week
*	grouping	varchar	Separator Format

## Table res\_lang

*	decimal_point	varchar	Decimal Separator
	thousands_sep	varchar	Thousands Separator
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	res_lang_pkey	id	
Unq	res_lang_code_uniq	code	
Unq	res_lang_name_uniq	name	
Unq	res_lang_url_code_uniq	url_code	

### Foreign Keys

	res_lang_create_uid_fkey ( create_uid ) ref res_users ( id )		
	res_lang_write_uid_fkey ( write_uid ) ref res_users ( id )		

## Table res\_partner

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
Idx	name	varchar	
Idx	company_id	integer	
	create_date	timestamp	
Idx	display_name	varchar	Display Name
Idx	date	date	Date
	title	integer	Title
Idx	parent_id	integer	Related Company
Idx	ref	varchar	Reference
	lang	varchar	Language
	tz	varchar	Timezone
	user_id	integer	Salesperson
Idx	vat	varchar	Tax ID
	website	varchar	Website Link
	comment	text	Notes
	credit_limit	float8	Credit Limit
	active	bool	Active
	employee	bool	Employee
	function	varchar	Job Position
	type	varchar	Address Type
	street	varchar	Street
	street2	varchar	Street2
	zip	varchar	Zip
	city	varchar	City
	state_id	integer	State
	country_id	integer	Country
	partner_latitude	numeric	Geo Latitude
	partner_longitude	numeric	Geo Longitude
	email	varchar	Email
	phone	varchar	Phone
	mobile	varchar	Mobile
	is_company	bool	Is a Company
	industry_id	integer	Industry

## Table res\_partner

	color	integer	Color Index
	partner_share	bool	Share Partner
Idx	commercial_partner_id	integer	Commercial Entity
	commercial_company_name	varchar	Company Name Entity
	company_name	varchar	Company Name
	create_uid	integer	Created by
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
Idx	message_main_attachment_id	integer	Main Attachment
	email_normalized	varchar	Normalized Email
	message_bounce	integer	Bounce
	signup_token	varchar	Signup Token
	signup_type	varchar	Signup Token Type
	signup_expiration	timestamp	Signup Expiration
	calendar_last_notif_ack	timestamp	Last notification marked as read from base Calendar
	team_id	integer	Sales Team
	partner_gid	integer	Company database ID
	additional_info	varchar	Additional info
	phone_sanitized	varchar	Sanitized Number
	debit_limit	numeric	Payable Limit
	last_time_entries_checked	timestamp	Latest Invoices & Payments Matching Date
	invoice_warn	varchar	Invoice
	invoice_warn_msg	text	Message for Invoice
	supplier_rank	integer	Supplier Rank
	customer_rank	integer	Customer Rank
	sale_warn	varchar	Sales Warnings
	sale_warn_msg	text	Message for Sales Order
	picking_warn	varchar	Stock Picking
	picking_warn_msg	text	Message for Stock Picking
	purchase_warn	varchar	Purchase Order
	purchase_warn_msg	text	Message for Purchase Order

### Indexes

Pk	res_partner_pkey	id	
	res_partner_commercial_partner_id_index	commercial_partner_id	
	res_partner_company_id_index	company_id	
	res_partner_date_index	date	
	res_partner_display_name_index	display_name	
	res_partner_message_main_attachment_id_index	message_main_attachment_id	
	res_partner_name_index	name	
	res_partner_parent_id_index	parent_id	
	res_partner_ref_index	ref	
	res_partner_vat_index	vat	

### Foreign Keys

	res_partner_team_id_fkey ( team_id ) ref crm_team ( id )	
	res_partner_message_main_attachment_id_fkey ( message_main_attachment_id ) ref ir_attachment ( id )	

## Table res\_partner

	res_partner_company_id_fkey ( company_id ) ref res_company ( id )	
	res_partner_country_id_fkey ( country_id ) ref res_country ( id )	
	res_partner_state_id_fkey ( state_id ) ref res_country_state ( id )	
	res_partner_commercial_partner_id_fkey ( commercial_partner_id ) ref res_partner ( id )	
	res_partner_parent_id_fkey ( parent_id ) ref res_partner ( id )	
	res_partner_industry_id_fkey ( industry_id ) ref res_partner_industry ( id )	
	res_partner_title_fkey ( title ) ref res_partner_title ( id )	
	res_partner_create_uid_fkey ( create_uid ) ref res_users ( id )	
	res_partner_user_id_fkey ( user_id ) ref res_users ( id )	
	res_partner_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table res\_partner\_bank

### Bank Accounts

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
	active	bool	Active
*	acc_number	varchar	Account Number
Unq	sanitized_acc_number	varchar	Sanitized Account Number
	acc_holder_name	varchar	Account Holder Name
* Idx	partner_id	integer	Account Holder
	bank_id	integer	Bank
	sequence	integer	Sequence
	currency_id	integer	Currency
Unq	company_id	integer	Company
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	res_partner_bank_pkey	id	
Unq	res_partner_bank_unique_number	sanitized_acc_number , company_id	
	res_partner_bank_partner_id_index	partner_id	

### Foreign Keys

	res_partner_bank_company_id_fkey ( company_id ) ref res_company ( id )	
	res_partner_bank_currency_id_fkey ( currency_id ) ref res_currency ( id )	
	res_partner_bank_partner_id_fkey ( partner_id ) ref res_partner ( id )	
	res_partner_bank_create_uid_fkey ( create_uid ) ref res_users ( id )	
	res_partner_bank_write_uid_fkey ( write_uid ) ref res_users ( id )	



## Table res\_partner\_category

### Partner Tags

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Tag Name
	color	integer	Color
Idx	parent_id	integer	Parent Category
	active	bool	Active
Idx	parent_path	varchar	Parent Path
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	res_partner_category_pkey	id	
	res_partner_category_parent_id_index	parent_id	
	res_partner_category_parent_path_index	parent_path	

### Foreign Keys

	res_partner_category_parent_id_fkey ( parent_id ) ref res_partner_category ( id )	
	res_partner_category_create_uid_fkey ( create_uid ) ref res_users ( id )	
	res_partner_category_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table res\_partner\_industry

### Industry

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
	name	varchar	Name
	full_name	varchar	Full Name
	active	bool	Active
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	res_partner_industry_pkey	id	
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### Foreign Keys

	res_partner_industry_create_uid_fkey ( create_uid ) ref res_users ( id )	
	res_partner_industry_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table res\_partner\_title

### Partner Title

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Title
	shortcut	varchar	Abbreviation
	create_uid	integer	Created by

## Table res\_partner\_title

	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
<b>Indexes</b>			
Pk	res_partner_title_pkey	id	
<b>Foreign Keys</b>			
	res_partner_title_create_uid_fkey ( create_uid ) ref res_users ( id )		
	res_partner_title_write_uid_fkey ( write_uid ) ref res_users ( id )		

## Table res\_users

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
	active	bool	
* Unq	login	varchar	
	password	varchar	
*	company_id	integer	
* Idx	partner_id	integer	
	create_date	timestamp	
	signature	text	Email Signature
	action_id	integer	Home Action
	share	bool	Share User
	create_uid	integer	Created by
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	totp_secret	varchar	Totp Secret
*	notification_type	varchar	Notification
	odoobot_state	varchar	Odoobot Status
	odoobot_failed	bool	Odoobot Failed
	sale_team_id	integer	User Sales Team
	target_sales_won	integer	Won in Opportunities Target
	target_sales_done	integer	Activities Done Target
	target_sales_invoiced	integer	Invoiced in Sales Orders Target
<b>Indexes</b>			
Pk	res_users_pkey	id	
Unq	res_users_login_key	login	
	res_users_partner_id_index	partner_id	
<b>Foreign Keys</b>			
	res_users_sale_team_id_fkey ( sale_team_id ) ref crm_team ( id )		
	res_users_company_id_fkey ( company_id ) ref res_company ( id )		
	res_users_partner_id_fkey ( partner_id ) ref res_partner ( id )		
	res_users_create_uid_fkey ( create_uid ) ref res_users ( id )		
	res_users_write_uid_fkey ( write_uid ) ref res_users ( id )		

## Table sale\_order

Sales Order

## Table sale\_order

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
	campaign_id	integer	Campaign
	source_id	integer	Source
	medium_id	integer	Medium
Idx	message_main_attachment_id	integer	Main Attachment
	access_token	varchar	Security Token
* Idx	name	varchar	Order Reference
	origin	varchar	Source Document
	client_order_ref	varchar	Customer Reference
	reference	varchar	Payment Ref.
Idx	state	varchar	Status
* Idx	date_order	timestamp	Order Date
	validity_date	date	Expiration
	require_signature	bool	Online Signature
	require_payment	bool	Online Payment
Idx	create_date	timestamp	Creation Date
Idx	user_id	integer	Salesperson
* Idx	partner_id	integer	Customer
*	partner_invoice_id	integer	Invoice Address
*	partner_shipping_id	integer	Delivery Address
*	pricelist_id	integer	Pricelist
	currency_id	integer	Currency
	analytic_account_id	integer	Analytic Account
	invoice_status	varchar	Invoice Status
	note	text	Terms and conditions
	amount_untaxed	numeric	Untaxed Amount
	amount_tax	numeric	Taxes
	amount_total	numeric	Total
	currency_rate	numeric	Currency Rate
	payment_term_id	integer	Payment Terms
	fiscal_position_id	integer	Fiscal Position
* Idx	company_id	integer	Company
	team_id	integer	Sales Team
	signed_by	varchar	Signed By
	signed_on	timestamp	Signed On
	commitment_date	timestamp	Delivery Date
	show_update_pricelist	bool	Has Pricelist Changed
	create_uid	integer	Created by
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	sale_order_template_id	integer	Quotation Template
	opportunity_id	integer	Opportunity
	incoterm	integer	Incoterm
*	picking_policy	varchar	Shipping Policy
*	warehouse_id	integer	Warehouse
	procurement_group_id	integer	Procurement Group
	effective_date	timestamp	Effective Date
<b>Indexes</b>			
Pk	sale_order_pkey	id	
	sale_order_company_id_index	company_id	

## Table sale\_order

sale_order_create_date_index	create_date	
sale_order_date_order_index	date_order	
sale_order_message_main_attachment_id_index	message_main_attachment_id	
sale_order_name_index	name	
sale_order_partner_id_index	partner_id	
sale_order_state_index	state	
sale_order_user_id_index	user_id	

### Foreign Keys

sale_order_analytic_account_id_fkey ( analytic_account_id ) ref account_analytic_account ( id )	
sale_order_fiscal_position_id_fkey ( fiscal_position_id ) ref account_fiscal_position ( id )	
sale_order_incoterm_fkey ( incoterm ) ref account_incoterms ( id )	
sale_order_payment_term_id_fkey ( payment_term_id ) ref account_payment_term ( id )	
sale_order_opportunity_id_fkey ( opportunity_id ) ref crm_lead ( id )	
sale_order_team_id_fkey ( team_id ) ref crm_team ( id )	
sale_order_message_main_attachment_id_fkey ( message_main_attachment_id ) ref ir_attachment ( id )	
sale_order_procurement_group_id_fkey ( procurement_group_id ) ref procurement_group ( id )	
sale_order_pricelist_id_fkey ( pricelist_id ) ref product_pricelist ( id )	
sale_order_company_id_fkey ( company_id ) ref res_company ( id )	
sale_order_currency_id_fkey ( currency_id ) ref res_currency ( id )	
sale_order_partner_id_fkey ( partner_id ) ref res_partner ( id )	
sale_order_partner_invoice_id_fkey ( partner_invoice_id ) ref res_partner ( id )	
sale_order_partner_shipping_id_fkey ( partner_shipping_id ) ref res_partner ( id )	
sale_order_create_uid_fkey ( create_uid ) ref res_users ( id )	
sale_order_user_id_fkey ( user_id ) ref res_users ( id )	
sale_order_write_uid_fkey ( write_uid ) ref res_users ( id )	
sale_order_sale_order_template_id_fkey ( sale_order_template_id ) ref sale_order_template ( id )	
sale_order_warehouse_id_fkey ( warehouse_id ) ref stock_warehouse ( id )	
sale_order_campaign_id_fkey ( campaign_id ) ref utm_campaign ( id )	
sale_order_medium_id_fkey ( medium_id ) ref utm_medium ( id )	
sale_order_source_id_fkey ( source_id ) ref utm_source ( id )	

## Table sale\_order\_line

### Sales Order Line

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
* Idx	order_id	integer	Order Reference
*	name	text	Description
	sequence	integer	Sequence
	invoice_status	varchar	Invoice Status
*	price_unit	numeric	Unit Price
	price_subtotal	numeric	Subtotal
	price_tax	float8	Total Tax
	price_total	numeric	Total
	price_reduce	numeric	Price Reduce
	price_reduce_taxinc	numeric	Price Reduce Tax inc
	price_reduce_taxexcl	numeric	Price Reduce Tax excl
	discount	numeric	Discount (%)
	product_id	integer	Product
*	product_uom_qty	numeric	Quantity
	product_uom	integer	Unit of Measure
	qty_delivered_method	varchar	Method to update delivered qty
	qty_delivered	numeric	Delivered Quantity
	qty_delivered_manual	numeric	Delivered Manually
	qty_to_invoice	numeric	To Invoice Quantity
	qty_invoiced	numeric	Invoiced Quantity
	untaxed_amount_invoiced	numeric	Untaxed Invoiced Amount
	untaxed_amount_to_invoice	numeric	Untaxed Amount To Invoice
	salesman_id	integer	Salesperson
	currency_id	integer	Currency
Idx	company_id	integer	Company
Idx	order_partner_id	integer	Customer
	is_expense	bool	Is expense
	is_downpayment	bool	Is a down payment
	state	varchar	Order Status
*	customer_lead	float8	Lead Time
	display_type	varchar	Display Type
	product_packaging_id	integer	Packaging
	product_packaging_qty	float8	Packaging Quantity
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	route_id	integer	Route

### Indexes

Pk	sale_order_line_pkey	id	
	sale_order_line_company_id_index	company_id	
	sale_order_line_order_id_index	order_id	
	sale_order_line_order_partner_id_index	order_partner_id	

### Foreign Keys

	sale_order_line_company_id_fkey ( company_id ) ref res_company ( id )	
	sale_order_line_currency_id_fkey ( currency_id ) ref res_currency ( id )	

## Table sale\_order\_line

	sale_order_line_order_partner_id_fkey ( order_partner_id ) ref res_partner ( id )	
	sale_order_line_create_uid_fkey ( create_uid ) ref res_users ( id )	
	sale_order_line_salesman_id_fkey ( salesman_id ) ref res_users ( id )	
	sale_order_line_write_uid_fkey ( write_uid ) ref res_users ( id )	
	sale_order_line_order_id_fkey ( order_id ) ref sale_order ( id )	

## Table sale\_order\_option

### Sale Options

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
Idx	order_id	integer	Sales Order Reference
	line_id	integer	Line
*	name	text	Description
*	product_id	integer	Product
*	price_unit	numeric	Unit Price
	discount	numeric	Discount (%)
*	uom_id	integer	Unit of Measure
*	quantity	numeric	Quantity
	sequence	integer	Sequence
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	sale_order_option_pkey	id	
	sale_order_option_order_id_index	order_id	

### Foreign Keys

	sale_order_option_create_uid_fkey ( create_uid ) ref res_users ( id )	
	sale_order_option_write_uid_fkey ( write_uid ) ref res_users ( id )	
	sale_order_option_order_id_fkey ( order_id ) ref sale_order ( id )	
	sale_order_option_line_id_fkey ( line_id ) ref sale_order_line ( id )	

## Table sale\_order\_template

### Quotation Template

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Quotation Template
	note	text	Terms and conditions
	number_of_days	integer	Quotation Duration
	require_signature	bool	Online Signature
	require_payment	bool	Online Payment
	mail_template_id	integer	Confirmation Mail
	active	bool	Active



## Table sale\_order\_template

	company_id	integer	Company
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
<b>Indexes</b>			
Pk	sale_order_template_pkey	id	
<b>Foreign Keys</b>			
	sale_order_template_mail_template_id_fkey ( mail_template_id ) ref mail_template ( id )		
	sale_order_template_company_id_fkey ( company_id ) ref res_company ( id )		
	sale_order_template_create_uid_fkey ( create_uid ) ref res_users ( id )		
	sale_order_template_write_uid_fkey ( write_uid ) ref res_users ( id )		

## Table stock\_location

Inventory Locations			
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Location Name
	complete_name	varchar	Full Location Name
	active	bool	Active
* Idx	usage	varchar	Location Type
Idx	location_id	integer	Parent Location
	comment	text	Additional Information
	posx	integer	Corridor (X)
	posy	integer	Shelves (Y)
	posz	integer	Height (Z)
Idx	parent_path	varchar	Parent Path
Unq	company_id	integer	Company
	scrap_location	bool	Is a Scrap Location?
	return_location	bool	Is a Return Location?
	removal_strategy_id	integer	Removal Strategy
Unq	barcode	varchar	Barcode
	cyclic_inventory_frequency	integer	Inventory Frequency (Days)
	last_inventory_date	date	Last Effective Inventory
	next_inventory_date	date	Next Expected Inventory
	storage_category_id	integer	Storage Category
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	valuation_in_account_id	integer	Stock Valuation Account (Incoming)
	valuation_out_account_id	integer	Stock Valuation Account (Outgoing)
<b>Indexes</b>			
Pk	stock_location_pkey	id	
Unq	stock_location_barcode_company_uniq	barcode, company_id	
	stock_location_company_id_index	company_id	
	stock_location_location_id_index	location_id	

## Table stock\_location

	stock_location_parent_path_index	parent_path	
	stock_location_usage_index	usage	
<b>Foreign Keys</b>			
	stock_location_valuation_in_account_id_fkey ( valuation_in_account_id ) ref account_account ( id )		
	stock_location_valuation_out_account_id_fkey ( valuation_out_account_id ) ref account_account ( id )		
	stock_location_company_id_fkey ( company_id ) ref res_company ( id )		
	stock_location_create_uid_fkey ( create_uid ) ref res_users ( id )		
	stock_location_write_uid_fkey ( write_uid ) ref res_users ( id )		
	stock_location_location_id_fkey ( location_id ) ref stock_location ( id )		

## Table stock\_picking

Transfer			
* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
Idx	message_main_attachment_id	integer	Main Attachment
Unq	name	varchar	Reference
Idx	origin	varchar	Source Document
	note	text	Notes
Idx	backorder_id	integer	Back Order of
*	move_type	varchar	Shipping Policy
Idx	state	varchar	Status
	group_id	integer	Procurement Group
	priority	varchar	Priority
Idx	scheduled_date	timestamp	Scheduled Date
	date_deadline	timestamp	Deadline
	has_deadline_issue	bool	Is late
	date	timestamp	Creation Date
	date_done	timestamp	Date of Transfer
*	location_id	integer	Source Location
*	location_dest_id	integer	Destination Location
*	picking_type_id	integer	Operation Type
	partner_id	integer	Contact
Unq	company_id	integer	Company
	user_id	integer	Responsible
	owner_id	integer	Assign Owner
	printed	bool	Printed
	is_locked	bool	Is Locked
	immediate_transfer	bool	Immediate Transfer
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	sale_id	integer	
	pos_session_id	integer	Pos Session
	pos_order_id	integer	Pos Order

## Table stock\_picking

### Indexes

Pk	stock_picking_pkey	id	
Unq	stock_picking_name_uniq	name, company_id	
	stock_picking_backorder_id_index	backorder_id	
	stock_picking_company_id_index	company_id	
	stock_picking_message_main_attachment_id_index	message_main_attachment_id	
	stock_picking_name_index	name	
	stock_picking_origin_index	origin	
	stock_picking_scheduled_date_index	scheduled_date	
	stock_picking_state_index	state	

### Foreign Keys

	stock_picking_message_main_attachment_id_fkey ( message_main_attachment_id ) ref ir_attachment ( id )	
	stock_picking_pos_order_id_fkey ( pos_order_id ) ref pos_order ( id )	
	stock_picking_group_id_fkey ( group_id ) ref procurement_group ( id )	
	stock_picking_company_id_fkey ( company_id ) ref res_company ( id )	
	stock_picking_owner_id_fkey ( owner_id ) ref res_partner ( id )	
	stock_picking_partner_id_fkey ( partner_id ) ref res_partner ( id )	
	stock_picking_create_uid_fkey ( create_uid ) ref res_users ( id )	
	stock_picking_user_id_fkey ( user_id ) ref res_users ( id )	
	stock_picking_write_uid_fkey ( write_uid ) ref res_users ( id )	
	stock_picking_sale_id_fkey ( sale_id ) ref sale_order ( id )	
	stock_picking_location_dest_id_fkey ( location_dest_id ) ref stock_location ( id )	
	stock_picking_location_id_fkey ( location_id ) ref stock_location ( id )	
	stock_picking_backorder_id_fkey ( backorder_id ) ref stock_picking ( id )	

## Table stock\_warehouse

### Warehouse

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
* Unq	name	varchar	Warehouse
	active	bool	Active
* Unq	company_id	integer	Company
	partner_id	integer	Address
*	view_location_id	integer	View Location
*	lot_stock_id	integer	Location Stock
* Unq	code	varchar(5)	Short Name
*	reception_steps	varchar	Incoming Shipments

## Table stock\_warehouse

*	delivery_steps	varchar	Outgoing Shipments
	wh_input_stock_loc_id	integer	Input Location
	wh_qc_stock_loc_id	integer	Quality Control Location
	wh_output_stock_loc_id	integer	Output Location
	wh_pack_stock_loc_id	integer	Packing Location
	mto_pull_id	integer	MTO rule
	pick_type_id	integer	Pick Type
	pack_type_id	integer	Pack Type
	out_type_id	integer	Out Type
	in_type_id	integer	In Type
	int_type_id	integer	Internal Type
	return_type_id	integer	Return Type
	crossdock_route_id	integer	Crossdock Route
	reception_route_id	integer	Receipt Route
	delivery_route_id	integer	Delivery Route
	sequence	integer	Sequence
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	pos_type_id	integer	Point of Sale Operation Type
	buy_to_resupply	bool	Buy to Resupply
	buy_pull_id	integer	Buy rule

### Indexes

Pk	stock_warehouse_pkey	id	
Unq	stock_warehouse_warehouse_code_uniq	code, company_id	
Unq	stock_warehouse_warehouse_name_uniq	name, company_id	
	stock_warehouse_company_id_index	company_id	
	stock_warehouse_name_index	name	

### Foreign Keys

	stock_warehouse_company_id_fkey ( company_id ) ref res_company ( id )	
	stock_warehouse_partner_id_fkey ( partner_id ) ref res_partner ( id )	
	stock_warehouse_create_uid_fkey ( create_uid ) ref res_users ( id )	
	stock_warehouse_write_uid_fkey ( write_uid ) ref res_users ( id )	
	stock_warehouse_lot_stock_id_fkey ( lot_stock_id ) ref stock_location ( id )	
	stock_warehouse_view_location_id_fkey ( view_location_id ) ref stock_location ( id )	
	stock_warehouse_wh_input_stock_loc_id_fkey ( wh_input_stock_loc_id ) ref stock_location ( id )	
	stock_warehouse_wh_output_stock_loc_id_fkey ( wh_output_stock_loc_id ) ref stock_location ( id )	
	stock_warehouse_wh_pack_stock_loc_id_fkey ( wh_pack_stock_loc_id ) ref stock_location ( id )	
	stock_warehouse_wh_qc_stock_loc_id_fkey ( wh_qc_stock_loc_id ) ref stock_location ( id )	

## Table utm\_campaign

### UTM Campaign

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Campaign Name
*	user_id	integer	Responsible
*	stage_id	integer	Stage
	is_auto_campaign	bool	Automatically Generated Campaign
	color	integer	Color Index
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on
	company_id	integer	Company

### Indexes

Pk	utm_campaign_pkey	id	
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### Foreign Keys

	utm_campaign_company_id_fkey ( company_id ) ref res_company ( id )	
	utm_campaign_create_uid_fkey ( create_uid ) ref res_users ( id )	
	utm_campaign_user_id_fkey ( user_id ) ref res_users ( id )	
	utm_campaign_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table utm\_medium

### UTM Medium

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Medium Name
	active	bool	Active
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

### Indexes

Pk	utm_medium_pkey	id	
----	-----------------	----	--

### Foreign Keys

	utm_medium_create_uid_fkey ( create_uid ) ref res_users ( id )	
	utm_medium_write_uid_fkey ( write_uid ) ref res_users ( id )	

## Table utm\_source

### UTM Source

* Pk	id	integer GENERATED BY DEFAULT AS IDENTITY	
*	name	varchar	Source Name
	create_uid	integer	Created by
	create_date	timestamp	Created on
	write_uid	integer	Last Updated by
	write_date	timestamp	Last Updated on

## Table utm\_source

### Indexes

Pk	utm_source_pkey	id	
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### Foreign Keys

	utm_source_create_uid_fkey ( create_uid ) ref res_users ( id )	
	utm_source_write_uid_fkey ( write_uid ) ref res_users ( id )	

## View account\_root

```
SELECT DISTINCT ((ascii((account_account.code)::text) * 1000) + ascii("substring"((account_account.code)::text, 2, 1))) AS id,
"left"((account_account.code)::text, 2) AS name,
ascii((account_account.code)::text) AS parent_id,
account_account.company_id
FROM account_account
WHERE (account_account.code IS NOT NULL)
UNION ALL
SELECT DISTINCT ascii((account_account.code)::text) AS id,
"left"((account_account.code)::text, 1) AS name,
NULL::integer AS parent_id,
account_account.company_id
FROM account_account
WHERE (account_account.code IS NOT NULL);
```

## View crm\_activity\_report

```
SELECT m.id,
l.create_date AS lead_create_date,
l.date_conversion,
l.date_deadline,
l.date_closed,
m.subtype_id,
m.mail_activity_type_id,
m.author_id,
m.date,
m.body,
l.id AS lead_id,
l.user_id,
l.team_id,
l.country_id,
l.company_id,
l.stage_id,
l.partner_id,
l.type AS lead_type,
l.active
FROM (mail_message m
JOIN crm_lead l ON ((m.res_id = l.id)))
WHERE (((m.model)::text = 'crm.lead'::text) AND ((m.mail_activity_type_id IS NOT NULL) OR (m.subtype_id = 1)));
```



## View purchase\_bill\_union

```
SELECT account_move.id,  
       account_move.name,  
       account_move.ref AS reference,  
       account_move.partner_id,  
       account_move.date,  
       account_move.amount_untaxed AS amount,  
       account_move.currency_id,  
       account_move.company_id,  
       account_move.id AS vendor_bill_id,  
       NULL::integer AS purchase_order_id  
FROM account_move  
WHERE (((account_move.move_type)::text = 'in_invoice'::text) AND ((account_move.state)::text = 'posted'::text))  
UNION  
SELECT (- purchase_order.id) AS id,  
       purchase_order.name,  
       purchase_order.partner_ref AS reference,  
       purchase_order.partner_id,  
       (purchase_order.date_order)::date AS date,  
       purchase_order.amount_untaxed AS amount,  
       purchase_order.currency_id,  
       purchase_order.company_id,  
       NULL::integer AS vendor_bill_id,  
       purchase_order.id AS purchase_order_id  
FROM purchase_order  
WHERE (((purchase_order.state)::text = ANY ((ARRAY['purchase'::character varying, 'done'::character  
varying])::text[])) AND ((purchase_order.invoice_status)::text = ANY ((ARRAY['to invoice'::character varying,  
'no'::character varying])::text[])));
```

## View report\_all\_channels\_sales

```
SELECT foo.id,
       foo.name,
       foo.partner_id,
       foo.product_id,
       foo.product_tmpl_id,
       foo.date_order,
       foo.user_id,
       foo.categ_id,
       foo.company_id,
       foo.price_total,
       foo.pricelist_id,
       foo.analytic_account_id,
       foo.country_id,
       foo.team_id,
       foo.price_subtotal,
       foo.product_qty
FROM ( SELECT sol.id,
              so.name,
              so.partner_id,
              sol.product_id,
              pro.product_tmpl_id,
              so.date_order,
              so.user_id,
              pt.categ_id,
              so.company_id,
              (sol.price_total /
               CASE COALESCE(so.currency_rate, (0)::numeric)
                 WHEN 0 THEN 1.0
                 ELSE so.currency_rate
               END) AS price_total,
              so.pricelist_id,
              rp.country_id,
              (sol.price_subtotal /
               CASE COALESCE(so.currency_rate, (0)::numeric)
                 WHEN 0 THEN 1.0
                 ELSE so.currency_rate
               END) AS price_subtotal,
              ((sol.product_uom_qty / u.factor) * u2.factor) AS product_qty,
              so.analytic_account_id,
              so.team_id
        FROM ((((((sale_order_line sol
                   JOIN sale_order so ON ((sol.order_id = so.id)))
                   LEFT JOIN product_product pro ON ((sol.product_id = pro.id)))
                   JOIN res_partner rp ON ((so.partner_id = rp.id)))
                   LEFT JOIN product_template pt ON ((pro.product_tmpl_id = pt.id)))
                   LEFT JOIN product_pricelist pp ON ((so.pricelist_id = pp.id)))
                   LEFT JOIN uom_uom u ON ((u.id = sol.product_uom)))
                   LEFT JOIN uom_uom u2 ON ((u2.id = pt.uom_id)))
        WHERE ((so.state)::text = ANY ((ARRAY['sale'::character varying, 'done'::character varying])::text[]))) foo;
```

## View report\_pos\_order

```
SELECT min(l.id) AS id,
count(*) AS nbr_lines,
s.date_order AS date,
sum(l.qty) AS product_qty,
sum(((l.qty * l.price_unit) /
CASE COALESCE(s.currency_rate, (0)::numeric)
WHEN 0 THEN 1.0
ELSE s.currency_rate
END)) AS price_sub_total,
sum(round((((l.qty * l.price_unit) * ((100)::numeric - l.discount)) / (100)::numeric) /
CASE COALESCE(s.currency_rate, (0)::numeric)
WHEN 0 THEN 1.0
ELSE s.currency_rate
END), cu.decimal_places)) AS price_total,
sum((((l.qty * l.price_unit) * (l.discount / (100)::numeric)) /
CASE COALESCE(s.currency_rate, (0)::numeric)
WHEN 0 THEN 1.0
ELSE s.currency_rate
END)) AS total_discount,
CASE
WHEN (sum((l.qty * u.factor)) = (0)::numeric) THEN NULL::numeric
ELSE (sum(((l.qty * l.price_unit) /
CASE COALESCE(s.currency_rate, (0)::numeric)
WHEN 0 THEN 1.0
ELSE s.currency_rate
END)) / sum((l.qty * u.factor))))
END AS average_price,
sum((to_char((date_trunc('day'::text, s.date_order) - date_trunc('day'::text, s.create_date)), 'DD'::text))::integer) AS
delay_validation,
s.id AS order_id,
s.partner_id,
s.state,
s.user_id,
s.company_id,
s.sale_journal AS journal_id,
l.product_id,
pt.categ_id AS product_categ_id,
p.product_tmpl_id,
ps.config_id,
pt.pos_categ_id,
s.pricelist_id,
s.session_id,
(s.account_move IS NOT NULL) AS invoiced,
sum((l.price_subtotal - (l.total_cost /
CASE COALESCE(s.currency_rate, (0)::numeric)
WHEN 0 THEN 1.0
ELSE s.currency_rate
END))) AS margin
FROM (((((((pos_order_line l
JOIN pos_order s ON ((s.id = l.order_id)))
LEFT JOIN product_product p ON ((l.product_id = p.id)))
LEFT JOIN product_template pt ON ((p.product_tmpl_id = pt.id)))
LEFT JOIN uom_uom u ON ((u.id = pt.uom_id)))
LEFT JOIN pos_session ps ON ((s.session_id = ps.id)))
LEFT JOIN res_company co ON ((s.company_id = co.id)))
LEFT JOIN res_currency cu ON ((co.currency_id = cu.id)))
GROUP BY s.id, s.date_order, s.partner_id, s.state, pt.categ_id, s.user_id, s.company_id, s.sale_journal,
s.pricelist_id, s.account_move, s.create_date, s.session_id, l.product_id, pt.pos_categ_id, p.product_tmpl_id,
ps.config_id;
```

## View report\_stock\_quantity

```

WITH existing_sm(id, product_id, tmpl_id, product_qty, date, state, company_id, whs_id, whd_id) AS (
    SELECT m.id,
           m.product_id,
           pt.id,
           m.product_qty,
           m.date,
           m.state,
           m.company_id,
           whs.id,
           whd.id
    FROM (((((stock_move m
    LEFT JOIN stock_location ls ON ((ls.id = m.location_id)))
    LEFT JOIN stock_location ld ON ((ld.id = m.location_dest_id)))
    LEFT JOIN stock_warehouse whs ON (((ls.parent_path)::text ~~ concat('%/', whs.view_location_id, '/%'))))
    LEFT JOIN stock_warehouse whd ON (((ld.parent_path)::text ~~ concat('%/', whd.view_location_id, '/%'))))
    LEFT JOIN product_product pp ON ((pp.id = m.product_id)))
    LEFT JOIN product_template pt ON ((pt.id = pp.product_tmpl_id)))
    WHERE (((pt.type)::text = 'product'::text) AND ((whs.id IS NOT NULL) OR (whd.id IS NOT NULL)) AND
    ((whs.id IS NULL) OR (whd.id IS NULL) OR (whs.id <> whd.id)) AND (m.product_qty <> (0)::numeric) AND
    ((m.state)::text <> ALL ((ARRAY['draft'::character varying, 'cancel'::character varying])::text[])) AND (((m.state)::text
    <> 'done'::text) OR (m.date >= ((timezone('utc'::text, now()))::date - '3 mons'::interval))))
    ), all_sm(id, product_id, tmpl_id, product_qty, date, state, company_id, whs_id, whd_id) AS (
    SELECT sm.id,
           sm.product_id,
           sm.tmpl_id,
           CASE
               WHEN (is_duplicated.is_duplicated = 0) THEN sm.product_qty
               WHEN ((sm.whs_id IS NOT NULL) AND (sm.whd_id IS NOT NULL) AND (sm.whs_id <> sm.whd_id))
    THEN sm.product_qty
           ELSE (0)::numeric
           END AS "case",
           sm.date,
           sm.state,
           sm.company_id,
           CASE
               WHEN (is_duplicated.is_duplicated = 0) THEN sm.whs_id
               ELSE NULL::integer
           END AS "case",
           CASE
               WHEN ((is_duplicated.is_duplicated = 0) AND (NOT ((sm.whs_id IS NOT NULL) AND (sm.whd_id IS
    NOT NULL) AND (sm.whs_id <> sm.whd_id)))) THEN sm.whd_id
               WHEN ((is_duplicated.is_duplicated = 1) AND ((sm.whs_id IS NOT NULL) AND (sm.whd_id IS NOT
    NULL) AND (sm.whs_id <> sm.whd_id))) THEN sm.whd_id
               ELSE NULL::integer
           END AS "case"
    FROM generate_series(0, 1, 1) is_duplicated(is_duplicated),
    existing_sm sm
    )
    SELECT min(forecast_qty.id) AS id,
           forecast_qty.product_id,
           forecast_qty.product_tmpl_id,
           forecast_qty.state,
           forecast_qty.date,
           sum(forecast_qty.product_qty) AS product_qty,
           forecast_qty.company_id,
           forecast_qty.warehouse_id
    FROM ( SELECT m.id,
                 m.product_id,
                 m.tmpl_id AS product_tmpl_id,
                 CASE
                     WHEN ((m.whs_id IS NOT NULL) AND (m.whd_id IS NULL)) THEN 'out'::text
                     WHEN ((m.whd_id IS NOT NULL) AND (m.whs_id IS NULL)) THEN 'in'::text
                     ELSE NULL::text
                 END AS state,
                 (m.date)::date AS date,
                 CASE
                     WHEN ((m.whs_id IS NOT NULL) AND (m.whd_id IS NULL)) THEN (- m.product_qty)
                     WHEN ((m.whd_id IS NOT NULL) AND (m.whs_id IS NULL)) THEN m.product_qty
                     ELSE NULL::numeric
                 END AS product_qty,
                 m.company_id,
                 CASE
                     WHEN ((m.whs_id IS NOT NULL) AND (m.whd_id IS NULL)) THEN m.whs_id
                     WHEN ((m.whd_id IS NOT NULL) AND (m.whs_id IS NULL)) THEN m.whd_id

```

## View report\_stock\_quantity

```

        ELSE NULL::integer
    END AS warehouse_id
FROM all_sm m
WHERE ((m.product_qty <> (0)::numeric) AND ((m.state)::text <> 'done'::text))
UNION ALL
SELECT (- q.id) AS id,
       q.product_id,
       pp.product_tmpl_id,
       'forecast'::text AS state,
       (date.date)::date AS date,
       q.quantity AS product_qty,
       q.company_id,
       wh.id AS warehouse_id
FROM generate_series(((timezone('utc'::text, now()))::date - '3 mons'::interval), ((timezone('utc'::text,
now()))::date + '3 mons'::interval), '1 day'::interval) date(date),
       ((stock_quant q
LEFT JOIN stock_location l ON ((l.id = q.location_id)))
LEFT JOIN stock_warehouse wh ON (((l.parent_path)::text ~~ concat('%/', wh.view_location_id, '%'))))
LEFT JOIN product_product pp ON ((pp.id = q.product_id)))
WHERE (((l.usage)::text = 'internal'::text) AND (wh.id IS NOT NULL)) OR ((l.usage)::text = 'transit'::text))
UNION ALL
SELECT m.id,
       m.product_id,
       m.tmpl_id AS product_tmpl_id,
       'forecast'::text AS state,
       (generate_series(
CASE
    WHEN ((m.state)::text = 'done'::text) THEN ((timezone('utc'::text, now()))::date - '3 mons'::interval)
    ELSE ((m.date)::date)::timestamp without time zone
END,
CASE
    WHEN ((m.state)::text <> 'done'::text) THEN ((timezone('utc'::text, now()))::date + '3 mons'::interval)
    ELSE ((m.date)::date - '1 day'::interval)
END, '1 day'::interval)::date AS date,
CASE
    WHEN ((m.whs_id IS NOT NULL) AND (m.whd_id IS NULL) AND ((m.state)::text = 'done'::text)) THEN
m.product_qty
    WHEN ((m.whd_id IS NOT NULL) AND (m.whs_id IS NULL) AND ((m.state)::text = 'done'::text)) THEN (-
m.product_qty)
    WHEN ((m.whs_id IS NOT NULL) AND (m.whd_id IS NULL)) THEN (- m.product_qty)
    WHEN ((m.whd_id IS NOT NULL) AND (m.whs_id IS NULL)) THEN m.product_qty
    ELSE NULL::numeric
END AS product_qty,
       m.company_id,
CASE
    WHEN ((m.whs_id IS NOT NULL) AND (m.whd_id IS NULL)) THEN m.whs_id
    WHEN ((m.whd_id IS NOT NULL) AND (m.whs_id IS NULL)) THEN m.whd_id
    ELSE NULL::integer
END AS warehouse_id
FROM all_sm m
WHERE (m.product_qty <> (0)::numeric)) forecast_qty
GROUP BY forecast_qty.product_id, forecast_qty.product_tmpl_id, forecast_qty.state, forecast_qty.date,
forecast_qty.company_id, forecast_qty.warehouse_id;

```

## View sale\_report

```
SELECT min(l.id) AS id,
l.product_id,
t.uom_id AS product_uom,
CASE
  WHEN (l.product_id IS NOT NULL) THEN sum(((l.product_uom_qty / u.factor) * u2.factor))
  ELSE (0)::numeric
END AS product_uom_qty,
CASE
  WHEN (l.product_id IS NOT NULL) THEN sum(((l.qty_delivered / u.factor) * u2.factor))
  ELSE (0)::numeric
END AS qty_delivered,
CASE
  WHEN (l.product_id IS NOT NULL) THEN sum((((l.product_uom_qty - l.qty_delivered) / u.factor) * u2.factor))
  ELSE (0)::numeric
END AS qty_to_deliver,
CASE
  WHEN (l.product_id IS NOT NULL) THEN sum(((l.qty_invoiced / u.factor) * u2.factor))
  ELSE (0)::numeric
END AS qty_invoiced,
CASE
  WHEN (l.product_id IS NOT NULL) THEN sum(((l.qty_to_invoice / u.factor) * u2.factor))
  ELSE (0)::numeric
END AS qty_to_invoice,
CASE
  WHEN (l.product_id IS NOT NULL) THEN sum((l.price_total /
CASE COALESCE(s.currency_rate, (0)::numeric)
  WHEN 0 THEN 1.0
  ELSE s.currency_rate
END))
  ELSE (0)::numeric
END AS price_total,
CASE
  WHEN (l.product_id IS NOT NULL) THEN sum((l.price_subtotal /
CASE COALESCE(s.currency_rate, (0)::numeric)
  WHEN 0 THEN 1.0
  ELSE s.currency_rate
END))
  ELSE (0)::numeric
END AS price_subtotal,
CASE
  WHEN (l.product_id IS NOT NULL) THEN sum((l.untaxed_amount_to_invoice /
CASE COALESCE(s.currency_rate, (0)::numeric)
  WHEN 0 THEN 1.0
  ELSE s.currency_rate
END))
  ELSE (0)::numeric
END AS untaxed_amount_to_invoice,
CASE
  WHEN (l.product_id IS NOT NULL) THEN sum((l.untaxed_amount_invoiced /
CASE COALESCE(s.currency_rate, (0)::numeric)
  WHEN 0 THEN 1.0
  ELSE s.currency_rate
END))
  ELSE (0)::numeric
END AS untaxed_amount_invoiced,
count(*) AS nbr,
s.name,
s.date_order AS date,
s.state,
s.partner_id,
s.user_id,
s.company_id,
s.campaign_id,
s.medium_id,
s.source_id,
(date_part('epoch'::text, avg((date_trunc('day'::text, s.date_order) - date_trunc('day'::text, s.create_date)))) / (((24 *
60) * 60)::numeric(16,2)))::double precision AS delay,
t.categ_id,
s.pricelist_id,
s.analytic_account_id,
s.team_id,
p.product_tmpl_id,
partner.country_id,
partner.industry_id,
```

## View sale\_report

```

partner.commercial_partner_id,
CASE
  WHEN (l.product_id IS NOT NULL) THEN sum((((p.weight * l.product_uom_qty) / u.factor) * u2.factor))
  ELSE (0)::numeric
END AS weight,
CASE
  WHEN (l.product_id IS NOT NULL) THEN sum((((p.volume * l.product_uom_qty) / u.factor) * u2.factor))
  ELSE (0)::numeric
END AS volume,
l.discount,
CASE
  WHEN (l.product_id IS NOT NULL) THEN sum((((l.price_unit * l.product_uom_qty) * l.discount) / 100.0) /
CASE COALESCE(s.currency_rate, (0)::numeric)
  WHEN 0 THEN 1.0
  ELSE s.currency_rate
END))
  ELSE (0)::numeric
END AS discount_amount,
s.id AS order_id,
s.warehouse_id
FROM (((((((sale_order_line l
LEFT JOIN sale_order s ON ((s.id = l.order_id)))
JOIN res_partner partner ON ((s.partner_id = partner.id)))
LEFT JOIN product_product p ON ((l.product_id = p.id)))
LEFT JOIN product_template t ON ((p.product_tmpl_id = t.id)))
LEFT JOIN uom_uom u ON ((u.id = l.product_uom)))
LEFT JOIN uom_uom u2 ON ((u2.id = t.uom_id)))
LEFT JOIN product_pricelist pp ON ((s.pricelist_id = pp.id)))
WHERE (l.display_type IS NULL)
GROUP BY l.product_id, l.order_id, t.uom_id, t.categ_id, s.name, s.date_order, s.partner_id, s.user_id, s.state,
s.company_id, s.campaign_id, s.medium_id, s.source_id, s.pricelist_id, s.analytic_account_id, s.team_id,
p.product_tmpl_id, partner.country_id, partner.industry_id, partner.commercial_partner_id, l.discount, s.id,
s.warehouse_id
UNION ALL
SELECT (- min(l.id)) AS id,
l.product_id,
t.uom_id AS product_uom,
sum(l.qty) AS product_uom_qty,
sum(l.qty) AS qty_delivered,
0 AS qty_to_deliver,
CASE
  WHEN ((pos.state)::text = 'invoiced'::text) THEN sum(l.qty)
  ELSE (0)::numeric
END AS qty_invoiced,
CASE
  WHEN ((pos.state)::text <> 'invoiced'::text) THEN sum(l.qty)
  ELSE (0)::numeric
END AS qty_to_invoice,
(sum(l.price_subtotal_incl) / min(
CASE COALESCE(pos.currency_rate, (0)::numeric)
  WHEN 0 THEN 1.0
  ELSE pos.currency_rate
END)) AS price_total,
(sum(l.price_subtotal) / min(
CASE COALESCE(pos.currency_rate, (0)::numeric)
  WHEN 0 THEN 1.0
  ELSE pos.currency_rate
END)) AS price_subtotal,
(
CASE
  WHEN ((pos.state)::text <> 'invoiced'::text) THEN sum(l.price_subtotal)
  ELSE (0)::numeric
END / min(
CASE COALESCE(pos.currency_rate, (0)::numeric)
  WHEN 0 THEN 1.0
  ELSE pos.currency_rate
END)) AS untaxed_amount_to_invoice,
(
CASE
  WHEN ((pos.state)::text = 'invoiced'::text) THEN sum(l.price_subtotal)
  ELSE (0)::numeric
END / min(
CASE COALESCE(pos.currency_rate, (0)::numeric)
  WHEN 0 THEN 1.0

```



## View sale\_report

```
        ELSE pos.currency_rate
      END)) AS untaxed_amount_invoiced,
count(*) AS nbr,
pos.name,
pos.date_order AS date,
CASE
  WHEN ((pos.state)::text = 'draft'::text) THEN 'pos_draft'::character varying
  WHEN ((pos.state)::text = 'done'::text) THEN 'pos_done'::character varying
  ELSE pos.state
END AS state,
pos.partner_id,
pos.user_id,
pos.company_id,
NULL::integer AS campaign_id,
NULL::integer AS medium_id,
NULL::integer AS source_id,
(date_part('epoch'::text, avg((date_trunc('day'::text, pos.date_order) - date_trunc('day'::text, pos.create_date)))) /
(((24 * 60) * 60)::numeric(16,2)))::double precision AS delay,
t.categ_id,
pos.pricelist_id,
NULL::integer AS analytic_account_id,
pos.crm_team_id AS team_id,
p.product_tmpl_id,
partner.country_id,
partner.industry_id,
partner.commercial_partner_id,
((sum(p.weight) * l.qty) / u.factor) AS weight,
((sum(p.volume) * l.qty) / u.factor) AS volume,
l.discount,
sum((((l.price_unit * l.discount) * l.qty) / 100.0) /
CASE COALESCE(pos.currency_rate, (0)::numeric)
  WHEN 0 THEN 1.0
  ELSE pos.currency_rate
END)) AS discount_amount,
NULL::integer AS order_id,
NULL::integer AS warehouse_id
FROM (((((((pos_order_line l
JOIN pos_order pos ON ((l.order_id = pos.id)))
LEFT JOIN res_partner partner ON (((pos.partner_id = partner.id) OR (pos.partner_id = NULL::integer))))
LEFT JOIN product_product p ON ((l.product_id = p.id)))
LEFT JOIN product_template t ON ((p.product_tmpl_id = t.id)))
LEFT JOIN uom_uom u ON ((u.id = t.uom_id)))
LEFT JOIN pos_session session ON ((session.id = pos.session_id)))
LEFT JOIN pos_config config ON ((config.id = session.config_id)))
LEFT JOIN product_pricelist pp ON ((pos.pricelist_id = pp.id)))
WHERE (l.sale_order_line_id IS NULL)
GROUP BY l.order_id, l.product_id, l.price_unit, l.discount, l.qty, t.uom_id, t.categ_id, pos.name, pos.date_order,
pos.partner_id, pos.user_id, pos.state, pos.company_id, pos.pricelist_id, p.product_tmpl_id, partner.country_id,
partner.industry_id, partner.commercial_partner_id, u.factor, pos.crm_team_id;
```

## View vendor\_delay\_report

```
SELECT m.id,
m.date,
m.purchase_line_id,
m.product_id,
min(pc.id) AS category_id,
min(po.partner_id) AS partner_id,
sum(pol.product_uom_qty) AS qty_total,
sum(
CASE
  WHEN ((pol.date_planned)::date >= (m.date)::date) THEN ml.qty_done
  ELSE (0)::numeric
END) AS qty_on_time
FROM (((((((stock_move m
JOIN stock_move_line ml ON ((m.id = ml.move_id)))
JOIN purchase_order_line pol ON ((pol.id = m.purchase_line_id)))
JOIN purchase_order po ON ((po.id = pol.order_id)))
JOIN product_product p ON ((p.id = m.product_id)))
JOIN product_template pt ON ((pt.id = p.product_tmpl_id)))
JOIN product_category pc ON ((pc.id = pt.categ_id)))
WHERE ((m.state)::text = 'done'::text)
GROUP BY m.id;
```