



Walden Global Services

Dokumen Teknis GERAI SALIHARA

Headquarter

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Automate * Innovate

DAFTAR ISI


DAFTAR ISI	
DESAIN DATABASE	
ARSITEKTUR APLIKASI	
ARSITEKTUR SISTEM	
PEMELIHARAAN	

DESAIN DATABASE


Diagram Database

Database diagram menggambarkan hubungan antara satu tabel ke tabel lain.
Berikut adalah tabel-tabel yang digunakan :

1. Tabel ckeditor_assets

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('ckeditor_assets_id_seq'::regclass)	
data_file_name	character varying(255)	NOT NULL		
data_content_type	character varying(255)			
data_file_size	integer			
asetable_id	integer			
asetable_type	character varying(30)			
type	character varying(30)			
width	integer			
height	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


2. Tabel delayed_jobs

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('delayed_jobs_id_seq'::regclass)	
priority	integer	NOT NULL	0	
attempts	integer	NOT NULL	0	
handler	text	NOT NULL		
last_error	text			
run_at	timestamp without time zone			
locked_at	timestamp without time zone			
failed_at	timestamp without time zone			
locked_by	character varying(255)			
queue	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


3. Tabel schema_migrations

Column	Type	Not Null	Default	Constraints
version	character varying(255)	NOT NULL		


4. Tabel spree_activity_logs

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_activity_logs_id_seq'::regclass)	
source_id	integer			
source_type	character varying(255)			
activity	character varying(255)			
edit_by	integer			
old_attributes	text			
ip_address	character varying(255)			
login_at	timestamp without time zone			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
count_change_state	character varying(255)			


5. Tabel spree_addresses

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_addresses_id_seq'::regclass)	
firstname	character varying(255)			
lastname	character varying(255)			
address1	character varying(255)			
address2	character varying(255)			
city	character varying(255)			
zipcode	character varying(255)			
phone	character varying(255)			
state_name	character varying(255)			
alternative_phone	character varying(255)			
company	character varying(255)			
state_id	integer			
country_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			
city_id	integer			
sub_district_id	integer			


6. Tabel spree_adjustments

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_adjustments_id_seq'::regclass)	
source_id	integer			
source_type	character varying(255)			
adjustable_id	integer			
adjustable_type	character varying(255)			
amount	numeric(12,2)			
label	character varying(255)			
mandatory	boolean			
eligible	boolean		true	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
state	character varying(255)			
order_id	integer			
included	boolean		false	
tenant_id	integer			


7. Tabel spree_assets

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_assets_id_seq'::regclass)	
viewable_id	integer			
viewable_type	character varying(255)			
attachment_width	integer			
attachment_height	integer			
attachment_file_size	integer			
position	integer			
attachment_content_type	character varying(255)			
attachment_file_name	character varying(255)			
type	character varying(75)			
attachment_updated_at	timestamp without time zone			
alt	text			
tenant_id	integer			


8. Tabel spree_authentication_methods

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_authentication_methods_id_seq'::regclass)	
environment	character varying(255)			
provider	character varying(255)			
api_key	character varying(255)			
api_secret	character varying(255)			
active	boolean			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


9. Tabel spree_banners

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_banners_id_seq'::regclass)	
type_banner	character varying(255)			
url	character varying(255)			
product_id	integer			
tenant_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
banner_text	text			
link_text	character varying(255)			


10. Tabel spree_bca_payments

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_bca_payments_id_seq'::regclass)	
order_id	integer			
klik_pay_code	character varying(255)			
transaction_no	character varying(255)			
signature	character varying(255)			
status	character varying(255)			
response	text			
tenant_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
transaction_description	text			
user_define_value	character varying(255)			
transaction_id	character varying(255)			
transaction_type	character varying(255)			
card_no	character varying(255)			
acquirer_code	character varying(255)			
acquirer_merchant_account	character varying(255)			
acquirer_response_code	character varying(255)			
acquirer_approval_code	character varying(255)			
scrub_code	character varying(255)			
scrub_message	character varying(255)			
donation_id	integer			
member_id	integer			
transaction_date	timestamp without time zone			
currency	character varying(255)			
total_amount	character varying(255)			
auth_key	character varying(255)			
approval_code	character varying(255)			
response_message	character varying(255)			
expired_at	timestamp without time zone			
payment_time_out	timestamp without time zone			


11. Tabel spree_calculators

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_calculators_id_seq'::regclass)	
type	character varying(255)			
calculable_id	integer			
calculable_type	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


12. Tabel spree_cities

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_cities_id_seq'::regclass)	
tenant_id	integer			
state_id	integer			
country_id	integer			
name	character varying(255)			
code_name	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


13. Tabel spree_configurations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_configurations_id_seq'::regclass)	
name	character varying(255)			
type	character varying(50)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


14. Tabel spree_contact_message

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_contact_messages_id_seq'::regclass)	
name	character varying(255)			
email	character varying(255)			
subject	character varying(255)			
message	text			
status	character varying(255)		'new'::character varying	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


15. Tabel spree_countries

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_countries_id_seq'::regclass)	
iso_name	character varying(255)			
iso	character varying(255)			
iso3	character varying(255)			
name	character varying(255)			
numcode	integer			
states_required	boolean		false	
updated_at	timestamp without time zone			
tenant_id	integer			


16. Tabel spree_credit_cards

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_credit_cards_id_seq'::regclass)	
month	character varying(255)			
year	character varying(255)			
cc_type	character varying(255)			
last_digits	character varying(255)			
first_name	character varying(255)			
last_name	character varying(255)			
address_id	integer			
gateway_customer_profile_id	character varying(255)			
gateway_payment_profile_id	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
name	character varying(255)			
user_id	integer			
payment_method_id	integer			
tenant_id	integer			
card_number	character varying(255)			


17. Tabel spree_customers

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_customers_id_seq'::regclass)	
title	character varying(255)			
url	character varying(255)			
tenant_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


18. Tabel spree_donations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_donations_id_seq'::regclass)	
total	numeric(12,2)			
order_id	integer			
user_id	integer			
status	character varying(255)		'open'::character varying	
tenant_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
email	character varying(255)			
name	character varying(255)			
phone_number	character varying(255)			
identifier	character varying(255)			
payment_method_id	integer			


19. Tabel spree_features

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_features_id_seq'::regclass)	
name	character varying(255)			
tenant_id	integer			
controller_name	character varying(255)			
action_name	character varying(255)			


20. Tabel spree_gateways

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_gateways_id_seq'::regclass)	
type	character varying(255)			
name	character varying(255)			
description	text			
active	boolean		true	
environment	character varying(255)		'development'::character varying	
server	character varying(255)		'test'::character varying	
test_mode	boolean		true	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


21. Tabel spree_history_notifications

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_history_notifications_id_seq'::regclass)	
product_id	integer			
tenant_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
user_id	integer			
is_read	boolean			
description	character varying(255)			
date_release	timestamp without time zone			
created_by	character varying(255)			
identity	character varying(255)		'0'::character varying	


22. Tabel spree_inventory_units

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_inventory_units_id_seq'::regclass)	
state	character varying(255)			
variant_id	integer			
order_id	integer			
shipment_id	integer			
return_authorization_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
pending	boolean		true	
line_item_id	integer			
tenant_id	integer			


23. Tabel spree_jne_prices

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_jne_prices_id_seq'::regclass)	
reg_price	numeric(8,2)			
reg_estimation	character varying(255)			
oke_price	numeric(8,2)			
oke_estimation	character varying(255)			
yes_price	numeric(8,2)			
yes_estimation	character varying(255)			
shipping_id	integer			
tenant_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


24. Tabel spree_jne_shippings

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_jne_shippings_id_seq'::regclass)	
code_name	character varying(255)			
price	numeric			
tenant_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
city_id	integer			
sub_district_id	integer			


25. Tabel spree_line_items

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_line_items_id_seq'::regclass)	
variant_id	integer			
order_id	integer			
quantity	integer	NOT NULL		
price	numeric(12,2)	NOT NULL		
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
currency	character varying(255)			
cost_price	numeric(12,2)			
tax_category_id	integer			
adjustment_total	numeric(10,2)		0.0	
additional_tax_total	numeric(10,2)		0.0	
promo_total	numeric(10,2)		0.0	
included_tax_total	numeric(10,2)	NOT NULL	0.0	
pre_tax_amount	numeric(8,2)			
tenant_id	integer			


26. Tabel spree_log_entries

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_log_entries_id_seq'::regclass)	
source_id	integer			
source_type	character varying(255)			
details	text			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			

27. Tabel spree_menus

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_menus_id_seq'::regclass)	
name	character varying(255)			
key	character varying(255)			
parent_id	integer			
tenant_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
active	boolean		true	


28. Tabel spree_option_types

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_option_types_id_seq'::regclass)	
name	character varying(100)			
presentation	character varying(100)			
position	integer	NOT NULL	0	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


29. Tabel spree_option_types_prototypes

Column	Type	Not Null	Default	Constraints
prototype_id	integer			
option_type_id	integer			


30. Tabel spree_option_type_translations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_option_type_translations_id_seq'::regclass)	
spree_option_type_id	integer			
locale	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
name	character varying(255)			
presentation	character varying(255)			

31. Tabel spree_option_values

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_option_values_id_seq'::regclass)	
position	integer			
name	character varying(255)			
presentation	character varying(255)			
option_type_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


32. Tabel spree_option_value_translations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_option_value_translations_id_seq'::regclass)	
spree_option_value_id	integer			
locale	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
name	character varying(255)			
presentation	character varying(255)			


33. Tabel spree_option_value_variants

Column	Type	Not Null	Default	Constraints
variant_id	integer			
option_value_id	integer			

34. Tabel spree_order_additional

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_order_additional_id_seq'::regclass)	
order_id	integer			
customer_po	character varying(255)			
order_reference	character varying(255)			
note	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


35. Tabel spree_order

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_order_id_seq'::regclass)	
number	character varying(32)			
item_total	numeric(12,2)	NOT NULL	0.0	
total	numeric(12,2)	NOT NULL	0.0	
state	character varying(255)			
adjustment_total	numeric(12,2)	NOT NULL	0.0	
user_id	integer			
completed_at	timestamp without time zone			
bill_address_id	integer			
ship_address_id	integer			
payment_total	numeric(12,2)		0.0	
shipping_method_id	integer			
shipment_state	character varying(255)			
payment_state	character varying(255)			
email	character varying(255)			
special_instructions	text			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
currency	character varying(255)			
last_ip_address	character varying(255)			
created_by_id	integer			
shipment_total	numeric(10,2)	NOT NULL	0.0	
additional_tax_total	numeric(10,2)		0.0	
promo_total	numeric(10,2)		0.0	
channel	character varying(255)		'spree'::character varying	
included_tax_total	numeric(10,2)	NOT NULL	0.0	
item_count	integer		0	
approver_id	integer			
approved_at	timestamp without time zone			
confirmation_delivered	boolean		false	
considered_risky	boolean		false	
tenant_id	integer			
locale	character varying(255)			


36. Tabel spree_order_promotions

Column	Type	Not Null	Default	Constraints
order_id	integer			
promotion_id	integer			

37. Tabel spree_pages

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_pages_id_seq'::regclass)	
title	character varying(255)			
content	text			
slug	character varying(255)			
tenant_id	integer			
position	character varying(255)		'top'::character varying	
meta_title	character varying(255)			
meta_description	text			


38. Tabel spree_page_translations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_page_translations_id_seq'::regclass)	
spree_page_id	integer			
locale	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
title	character varying(255)			
content	text			
slug	character varying(255)			


39. Tabel spree_payment_capture_events

Column	Type	Not Null	Default
id	integer	NOT NULL	nextval('spree_payment_capture_events_id_seq'::regclass)
amount	numeric(10,2)		0.0
payment_id	integer		
created_at	timestamp without time zone		
updated_at	timestamp without time zone		
tenant_id	integer		


40. Tabel spree_payment_methods

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_payment_methods_id_seq'::regclass)	
type	character varying(255)			
name	character varying(255)			
description	text			
active	boolean		true	
environment	character varying(255)		'development'::character varying	
deleted_at	timestamp without time zone			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
display_on	character varying(255)			
auto_capture	boolean			
tenant_id	integer			


41. Tabel spree_payments

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_payments_id_seq'::regclass)	
amount	numeric(12,2)	NOT NULL	0.0	
order_id	integer			
source_id	integer			
source_type	character varying(255)			
payment_method_id	integer			
state	character varying(255)			
response_code	character varying(255)			
avs_response	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
identifier	character varying(255)			
cvv_response_code	character varying(255)			
cvv_response_message	character varying(255)			
uncaptured_amount	numeric(10,2)		0.0	
tenant_id	integer			


42. Tabel spree_preferences

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_preferences_id_seq'::regclass)	
value	text			
key	character varying(255)			
value_type	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


43. Tabel spree_prices

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_prices_id_seq'::regclass)	
variant_id	integer	NOT NULL		
amount	numeric(12,2)			
currency	character varying(255)			
deleted_at	timestamp without time zone			

44. Tabel spree_process_messages

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_process_messages_id_seq'::regclass)	
message	text			
progress	boolean		true	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


45. Tabel spree_product_option_types

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_product_option_types_id_seq'::regclass)	
position	integer			
product_id	integer			
option_type_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


46. Tabel spree_product_promotion_rules

Column	Type	Not Null	Default	Constraints
product_id	integer			
promotion_rule_id	integer			


47. Tabel spree_product_properties

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_product_properties_id_seq'::regclass)	
value	character varying(255)			
product_id	integer			
property_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
position	integer		0	
tenant_id	integer			


48. Tabel spree_product_reviews

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_product_reviews_id_seq'::regclass)	
user_id	integer			
product_id	integer			
rating	integer			
name	character varying(255)			
email	character varying(255)			
subject	character varying(255)			
review	character varying(255)			
tenant_id	integer			
status	character varying(255)		'new'::character varying	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


49. Tabel spree_products

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_product_reviews_id_seq'::regclass)	
user_id	integer			
product_id	integer			
rating	integer			
name	character varying(255)			
email	character varying(255)			
subject	character varying(255)			
review	character varying(255)			
tenant_id	integer			
status	character varying(255)		'new'::character varying	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


50. Tabel spree_product_taxons

Column	Type	Not Null	Default	Constraints
product_id	integer			
taxon_id	integer			
id	integer	NOT NULL	nextval('spree_products_taxons_id_seq'::regclass)	
position	integer			


51. Tabel spree_product_translations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_product_translations_id_seq'::regclass)	
spree_product_id	integer			
locale	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
name	character varying(255)			
description	text			
meta_description	character varying(255)			
meta_keywords	character varying(255)			
slug	character varying(255)			


52. Tabel spree_promo_banners

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_promo_banners_id_seq'::regclass)	
type_banner	character varying(255)			
url	character varying(255)			
product_id	integer			
tenant_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


53. Tabel spree_promotion_actions

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_promotion_actions_id_seq'::regclass)	
promotion_id	integer			
position	integer			
type	character varying(255)			
tenant_id	integer			

54. Tabel spree_promotion_action_line_items

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_promotion_action_line_items_id_seq'::regclass)	
promotion_action_id	integer			
variant_id	integer			
quantity	integer	1		
tenant_id	integer			


55. Tabel spree_promotion_rules

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_promotion_rules_id_seq'::regclass)	
promotion_id	integer			
user_id	integer			
product_group_id	integer			
type	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
code	character varying(255)			
tenant_id	integer			


56. Tabel spree_promotion_rule_users

Column	Type	Not Null	Default	Constraints
user_id	integer			
promotion_rule_id	integer			


57. Tabel spree_promotion_translations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_promotion_translations_id_seq'::regclass)	
spree_promotion_id	integer			
locale	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
name	character varying(255)			
description	character varying(255)			

58. Tabel spree_promotions

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_promotions_id_seq'::regclass)	
description	character varying(255)			
expires_at	timestamp without time zone			
starts_at	timestamp without time zone			
name	character varying(255)			
type	character varying(255)			
usage_limit	integer			
match_policy	character varying(255)		'all'::character varying	
code	character varying(255)			
advertise	boolean		false	
path	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


59. Tabel spree_properties

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_properties_id_seq'::regclass)	
name	character varying(255)			
presentation	character varying(255)	NOT NULL		
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


60. Tabel spree_properties_prototypes

Column	Type	Not Null	Default	Constraints
prototype_id	integer			
property_id	integer			


61. Tabel spree_property_translations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_property_translations_id_seq'::regclass)	
spree_property_id	integer			
locale	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
name	character varying(255)			
presentation	character varying(255)			


62. Tabel spree_prototypes

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_prototypes_id_seq'::regclass)	
name	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


63. Tabel spree_relation_types

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_relation_types_id_seq'::regclass)	
name	character varying(255)			
description	text			
applies_to	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


64. Tabel spree_relations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_relations_id_seq'::regclass)	
relation_type_id	integer			
relatable_id	integer			
relatable_type	character varying(255)			
related_to_id	integer			
related_to_type	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
discount_amount	numeric(8,2)		0.0	
position	integer			

65. Tabel spree_return_authorizations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_return_authorizations_id_seq'::regclass)	
number	character varying(255)			
state	character varying(255)			
amount	numeric(12,2)	NOT NULL	0.0	
order_id	integer			
reason	text			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
stock_location_id	integer			
tenant_id	integer			

66. Tabel spree_roles

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_roles_id_seq'::regclass)	
name	character varying(255)			
tenant_id	integer			


67. Tabel spree_roles_features

Column	Type	Not Null	Default	Constraints
role_id	integer			
feature_id	integer			


68. Tabel spree_roles_users

Column	Type	Not Null	Default	Constraints
role_id	integer			
user_id	integer			


69. Tabel spree_shipments

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_shipments_id_seq'::regclass)	
tracking	character varying(255)			
number	character varying(255)			
cost	numeric(12,2)			
shipped_at	timestamp without time zone			
order_id	integer			
address_id	integer			
state	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
stock_location_id	integer			
adjustment_total	numeric(10,2)		0.0	
additional_tax_total	numeric(10,2)		0.0	
promo_total	numeric(10,2)		0.0	
included_tax_total	numeric(10,2)	NOT NULL	0.0	
pre_tax_amount	numeric(8,2)			
tenant_id	integer			


70. Tabel spree_shipping_categories

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_shipping_categories_id_seq'::regclass)	
name	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			

71. Tabel spree_shipping_method_categories

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_shipping_method_categories_id_seq'::regclass)	
shipping_method_id	integer	NOT NULL		
shipping_category_id	integer	NOT NULL		
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


72. Tabel spree_shipping_methods

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_shipping_methods_id_seq'::regclass)	
name	character varying(255)			
display_on	character varying(255)			
deleted_at	timestamp without time zone			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tracking_url	character varying(255)			
admin_name	character varying(255)			
tax_category_id	integer			
tenant_id	integer			
use_jne	boolean		false	
jne_type	character varying(255)		'reg'::character varying	


73. Tabel spree_shipping_method_zones

Column	Type	Not Null	Default	Constraints
shipping_method_id	integer			
zone_id	integer			


74. Tabel spree_shipping_rates

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_shipping_rates_id_seq'::regclass)	
shipment_id	integer			
shipping_method_id	integer			
selected	boolean		false	
cost	numeric(8,2)		0	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tax_rate_id	integer			
tenant_id	integer			


75. Tabel spree_skrill_transactions

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_skrill_transactions_id_seq'::regclass)	
email	character varying(255)			
amount	double precision			
currency	character varying(255)			
transaction_id	integer			
customer_id	integer			
payment_type	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


76. Tabel spree_sliders

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_sliders_id_seq'::regclass)	
title	character varying(255)			
description	text			
tenant_id	integer			
product_id	integer			
url	character varying(255)			
pages	text[]		'{}'::text[]	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


77. Tabel spree_socials

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_socials_id_seq'::regclass)	
provider	character varying(255)			
url	character varying(255)			
status	boolean			
tenant_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


78. Tabel spree_state_changes

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_state_changes_id_seq'::regclass)	
name	character varying(255)			
previous_state	character varying(255)			
stateful_id	integer			
user_id	integer			
stateful_type	character varying(255)			
next_state	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


79. Tabel spree_states

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_states_id_seq'::regclass)	
name	character varying(255)			
abbr	character varying(255)			
country_id	integer			
updated_at	timestamp without time zone			
tenant_id	integer			


80. Tabel spree_stock_items

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_stock_items_id_seq'::regclass)	
stock_location_id	integer			
variant_id	integer			
count_on_hand	integer	NOT NULL	0	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
backorderable	boolean		false	
deleted_at	timestamp without time zone			


81. Tabel spree_stock_locations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_stock_locations_id_seq'::regclass)	
name	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
address1	character varying(255)			
address2	character varying(255)			
city	character varying(255)			
state_id	integer			
state_name	character varying(255)			
country_id	integer			
zipcode	character varying(255)			
phone	character varying(255)			
active	boolean		true	
backorderable_default	boolean		false	
propagate_all_variants	boolean		true	
admin_name	character varying(255)			


82. Tabel spree_stock_movements

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_stock_movements_id_seq'::regclass)	
stock_item_id	integer			
quantity	integer		0	
action	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
originator_id	integer			
originator_type	character varying(255)			
tenant_id	integer			


83. Tabel spree_stock_transfers

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_stock_transfers_id_seq'::regclass)	
type	character varying(255)			
reference	character varying(255)			
source_location_id	integer			
destination_location_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
number	character varying(255)			


84. Tabel spree_sub_districts

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_sub_districts_id_seq'::regclass)	
tenant_id	integer			
city_id	integer			
name	character varying(255)			
code_name	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


85. Tabel spree_tax_categories

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_tax_categories_id_seq'::regclass)	
name	character varying(255)			
description	character varying(255)			
is_default	boolean		false	
deleted_at	timestamp without time zone			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


86. Tabel spree_tax_rates

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_tax_rates_id_seq'::regclass)	
amount	numeric(12,2)			
zone_id	integer			
tax_category_id	integer			
included_in_price	boolean		false	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
name	character varying(255)			
show_rate_in_label	boolean		true	
deleted_at	timestamp without time zone			
tenant_id	integer			


87. Tabel spree_taxon_translations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_taxon_translations_id_seq'::regclass)	
spree_taxon_id	integer			
locale	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
name	character varying(255)			
description	text			
meta_title	character varying(255)			
meta_description	character varying(255)			
meta_keywords	character varying(255)			
permalink	character varying(255)			


88. Tabel spree_taxonomies

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_taxonomies_id_seq'::regclass)	
name	character varying(255)	NOT NULL		
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
position	integer		0	
tenant_id	integer			


89. Tabel spree_taxonomy_translations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_taxonomy_translations_id_seq'::regclass)	
spree_taxonomy_id	integer			
locale	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
name	character varying(255)			


90. Tabel spree_taxons

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_taxons_id_seq'::regclass)	
parent_id	integer			
position	integer		0	
name	character varying(255)	NOT NULL		
permalink	character varying(255)			
taxonomy_id	integer			
lft	integer			
rgt	integer			
icon_file_name	character varying(255)			
icon_content_type	character varying(255)			
icon_file_size	integer			
icon_updated_at	timestamp without time zone			
description	text			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
meta_title	character varying(255)			
meta_description	character varying(255)			
meta_keywords	character varying(255)			
depth	integer			
tenant_id	integer			


91. Tabel spree_tenant_configurations

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_tenant_configurations_id_seq'::regclass)	
expired_at	timestamp without time zone			
type_registration	character varying(255)			
tenant_id	integer			
payment_status	character varying(255)			
status	character varying(255)			
max_products	integer			
max_orders	integer			
max_products_image	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


92. Tabel spree_tenants

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_tenants_id_seq'::regclass)	
domain	character varying(255)			
code	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


93. Tabel spree_tokenized_permissions

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_tokenized_permissions_id_seq'::regclass)	
permissible_id	integer			
permissible_type	character varying(255)			
token	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


94. Tabel spree_trackers

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_trackers_id_seq'::regclass)	
environment	character varying(255)			
analytics_id	character varying(255)			
active	boolean		true	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			


95. Tabel spree_transfer_sources

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_transfer_sources_id_seq'::regclass)	
spree_payments_id	integer			
sender	character varying(255)			
address	text			
account_bank	character varying(255)			
bank_name	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
file_transfer_file_name	character varying(255)			
file_transfer_content_type	character varying(255)			
file_transfer_file_size	integer			
file_transfer_updated_at	timestamp without time zone			
destination_account	character varying(255)			


96. Tabel spree_user_authentications

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_user_authentications_id_seq'::regclass)	
user_id	integer			
provider	character varying(255)			
uid	character varying(255)			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


97. Tabel spree_variants

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_variants_id_seq'::regclass)	
sku	character varying(255)	NOT NULL	"::character varying	
weight	numeric(8,2)		0.0	
height	numeric(8,2)			
width	numeric(8,2)			
depth	numeric(8,2)			
deleted_at	timestamp without time zone			
is_master	boolean		false	
product_id	integer			
cost_price	numeric(12,2)			
position	integer			
cost_currency	character varying(255)			
track_inventory	boolean		true	
tax_category_id	integer			
updated_at	timestamp without time zone			
tenant_id	integer			
discount	double precision		0.0	


98. Tabel spree_users

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_users_id_seq'::regclass)	
encrypted_password	character varying(128)			
password_salt	character varying(128)			
email	character varying(255)			
remember_token	character varying(255)			
persistence_token	character varying(255)			
reset_password_token	character varying(255)			
perishable_token	character varying(255)			
sign_in_count	integer	NOT NULL	0	
failed_attempts	integer	NOT NULL	0	
last_request_at	timestamp without time zone			
current_sign_in_at	timestamp without time zone			
last_sign_in_at	timestamp without time zone			
current_sign_in_ip	character varying(255)			
last_sign_in_ip	character varying(255)			
login	character varying(255)			
ship_address_id	integer			
bill_address_id	integer			
authentication_token	character varying(255)			
unlock_token	character varying(255)			
locked_at	timestamp without time zone			
reset_password_sent_at	timestamp without time zone			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
spree_api_key	character varying(48)			
remember_created_at	timestamp without time zone			
tenant_id	integer			
as_superadmin	boolean		false	
name	character varying(255)			
phone_number	character varying(255)			
subscribe_news	boolean			
confirmed_at	timestamp without time zone			
confirmation_sent_at	timestamp without time zone			
confirmation_token	character varying(255)			
address	character varying(255)			
city	character varying(255)			
handphone	character varying(255)			
fax	character varying(255)			
pinbbm	character varying(255)			
status	boolean		true	
profile_picture	character varying(255)			
gender	character varying(255)		'men'::character varying	
birth_date	date			
use_billing	boolean		true	
profile_picture_file_name	character varying(255)			
profile_picture_file_size	character varying(255)			
profile_picture_content_type	character varying(255)			
profile_picture_updated_at	timestamp without time zone			
username	character varying(255)			
signin_counting	integer		0	
payment_method_id	integer			
package_type	character varying(255)			
payment_status	character varying(255)		'open'::character varying	
born_place	character varying(255)			
expired_at	timestamp without time zone			
store_name	character varying(255)			
job_position	character varying(255)			
additional_information	character varying(255)			
subscribe_account	character varying(255)			
customer_type	character varying(255)			


99. Tabel spree_wished_products

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_wished_products_id_seq'::regclass)	
variant_id	integer			
wishlist_id	integer			
remark	text			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			


100. Tabel spree_wishlists

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_wishlists_id_seq'::regclass)	
user_id	integer			
name	character varying(255)			
access_hash	character varying(255)			
is_private	boolean	NOT NULL	true	
is_default	boolean	NOT NULL	false	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			

101. Tabel spree_zone_members

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_zone_members_id_seq'::regclass)	
zoneable_id	integer			
zoneable_type	character varying(255)			
zone_id	integer			
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			

102. Tabel spree_zones

Column	Type	Not Null	Default	Constraints
id	integer	NOT NULL	nextval('spree_zones_id_seq'::regclass)	
name	character varying(255)			
description	character varying(255)			
default_tax	boolean		false	
zone_members_count	integer		0	
created_at	timestamp without time zone			
updated_at	timestamp without time zone			
tenant_id	integer			

ARSITEKTUR APLIKASI

Modules

Gerei salihara memiliki modul-modul yang digunakan pada dua bagian, yaitu *backend* dan *frontend*.

Berikut adalah modul-modul yang digunakan pada *backend* :

1. *Orders*

Modul *orders* digunakan untuk memberikan informasi kepada admin tentang pemesanan dari *customers*. Dalam modul tersebut terdapat beberapa modul-modul lainnya seperti :

- *Order details*
Mengelola data pemesanan.
- *Customer details*
Mengelola data *customer*.
- *Adjustments*
Digunakan untuk mengelola penyesuaian data pemesanan.
- *Payments*
Memberikan informasi tentang pembayaran yang dilakukan oleh *customer*.
- *Shipments*
Digunakan untuk memberikan informasi pengiriman, ketika suatu data pemesanan di *approve* dan akan mengurangi stok jika status *shipment* adalah *shipped*.

2. *Products*

Modul *products* digunakan untuk mengolah data produk. Dalam modul tersebut terdapat beberapa modul-modul seperti :

- *Images*
Mengelola gambar pada suatu produk.
- *product details*
Mengelola data product.
- *Variants*
Memberikan atribut pada suatu produk, seperti *height*, *width*, *depth*, dan *cost* .
- *Products properties*
Menambah properti pada suatu produk.
- *Stock Management*
Pengelolaan stok pada suatu produk.
- *Translations*
Mengelola bahasa pada suatu produk seperti nama produk, deskripsi, dll.

- *Option types*

Menambahkan atribut untuk suatu produk, seperti ukuran, warna, tanggal dll. Modul ini akan berhubungan dengan modul *variants*.

- *Prototypes*

Digunakan untuk berbagi *option type* dan *properti* modul yang dikombinasi antara banyak produk yang berbeda. Misalnya, jika anda membuat banyak produk kemeja, anda mungkin ingin mempertahankan "Ukuran" dan "Warna" dari *option type*, serta "Fitting Type" dari *properti*.

- *Taxonomies dan Taxon*

Modul ini digunakan untuk mengelompokkan produk berdasarkan kategori.

3. **Reports**

Modul ini digunakan untuk membuat laporan seperti total penjualan.

4. **Settings**

Modul ini memiliki beberapa modul-modul *settings* lainnya, diantaranya adalah :

- *General settings*

Settingan umum seperti *site settings*, *security settings*, *currency settings* dan *localization settings*.

- *Mail Method Settings*

Setting konfigurasi pengiriman email dan SMTP

- *Tax Categories*

Digunakan untuk mengelompokkan pajak.

- *Tax Rates*

Menentukan jumlah persentase biaya berdasarkan harga jual produk.

- *Tax Settings*

Modul ini digunakan untuk settingan pajak.

- *Zones*

Mengelola pengelompokan zona geografis yang terdiri dari negara dan provinsi, digunakan untuk menentukan aturan metode pengiriman.

- *Countries*

Mengelola pengelompokan negara berdasarkan zona.

- *States*

Mengelola pengelompokan provinsi berdasarkan *countries*.

- *Cities*
Mengelola pengelompokan kota berdasarkan *states*.
- *District*
Mengelola pengelompokan daerah berdasarkan *cities*.
- *Payment Method*
Mengelola jenis pembayaran yang disediakan untuk customer selama proses *checkout* pada *frontend*.
- *Taxonomies*
Modul ini digunakan untuk mengelola pengelompokan kategori. *Tree* yang paling atas disebut *taxonomy* sedangkan *child branches* disebut *taxons*, *taxons* sendiri dapat memiliki *branches* sendiri.
- *Shipping Methods*
Modul ini digunakan mengelola jenis pengiriman.
- *Shipping Categories*
Modul ini digunakan untuk pengelompokan pengiriman.
- *Stock Transfer*
Modul ini digunakan untuk perpindahan stok dari satu lokasi ke satu lokasi lain.
- *Stock Location*
Modul ini digunakan untuk mengelola lokasi stok dan berfungsi untuk mendukung perpindahan stok.
- *Analytic Trackers*
Modul ini digunakan untuk settingan *Analytic Trackers*.
- *Menu*
Modul ini digunakan untuk mengelola menu pada halaman admin, seperti menampilkan atau menyembunyikan menu tertentu.
- *JNE*
Modul ini digunakan untuk mengelola tarif pengiriman dengan menggunakan layanan JNE.
- *Captcha Settings*
Modul ini digunakan untuk mengelola settingan recaptcha.
- *Rich Editor*
Modul ini digunakan untuk mengelola penerapan *rich-text editor* pada halaman tertentu.

5. Promotions

Modul ini digunakan untuk mengelola produk yang akan dipromosikan kepada *customers*.

6. Users

Modul ini digunakan untuk mengelola data *users* termasuk, *roles*, *api access*, *account*, *address*, *orders*, dan *items*.

7. Pages

Modul ini digunakan untuk mengelola halaman yang akan ditampilkan pada *frontend*.

8. Donations

Modul ini digunakan untuk memberikan informasi donasi dari *customers*.

Berikut adalah modul-modul yang digunakan pada *frontend* :

1. Home Page

Modul ini adalah halaman pertama yang digunakan untuk menampilkan berbagai produk kepada *customers*.

2. Show Products

Modul ini digunakan untuk mendeskripsikan produk secara spesifik kepada *customers*.

3. Cart

Modul ini digunakan untuk mendeskripsikan produk yang dipilih oleh *customers*, termasuk mendeskripsikan harga, kuantitas, dan total pembayaran.

4. Checkout

Modul ini adalah layanan untuk proses transaksi pada produk yang telah dipilih oleh *customers*.

5. Authentication

Modul ini digunakan oleh *customers* untuk proses pendaftaran, sehingga *customers* mendapatkan hak akses agar dapat melakukan pembayaran, rekap pemesanan dan alamat pengiriman.

6. Shipment

Modul ini digunakan oleh *customers* untuk menambahkan informasi lokasi pengiriman produk termasuk tarif pengiriman.

7. Payments

Modul ini adalah akhir dari transaksi yang digunakan untuk proses pembayaran, *customers* dapat memilih jenis pembayaran seperti kartu kredit, BCA KlikPay dan transfer.

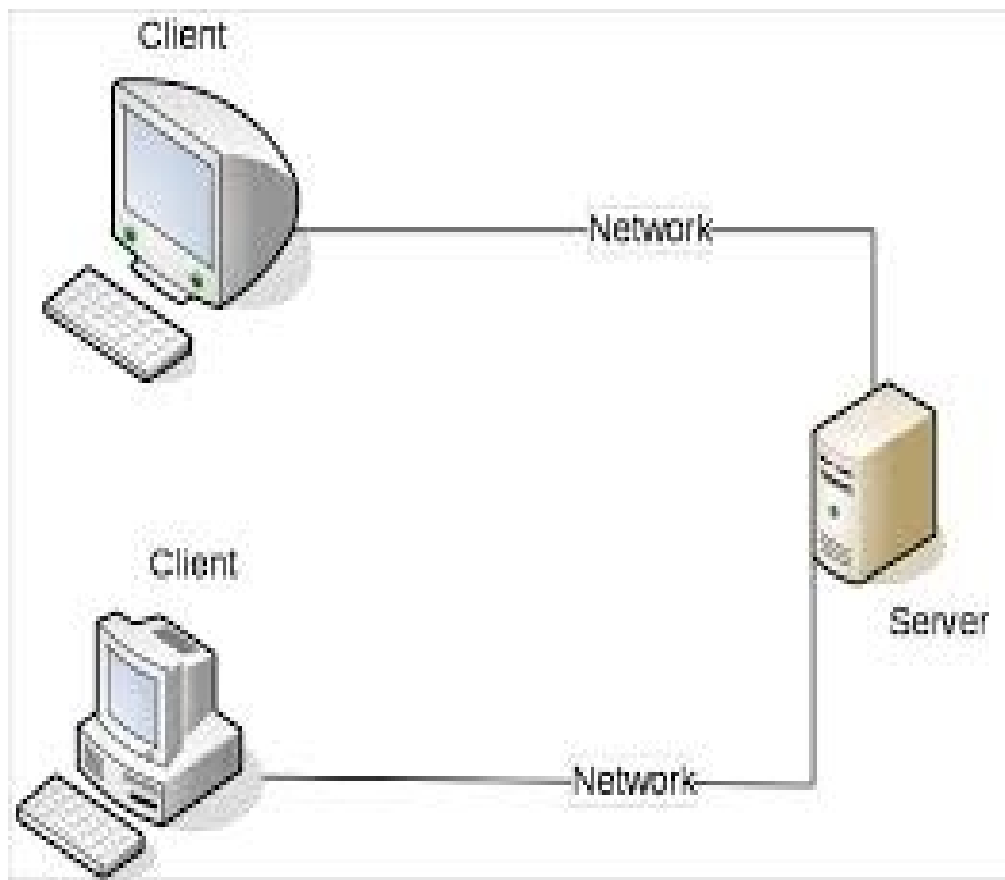
8. Orders

modul ini digunakan untuk memberikan faktur kepada *customers* dari hasil transaksi.

9. Account

modul ini digunakan oleh *customers* untuk mengelola rekap pemesanan, alamat dan data diri.

ARSITEKTUR SISTEM



SPESIFIKASI SERVER

- IP Address : 43.231.128.43
- Operating System : GNU/Linux
- Aplikasi : Ruby
- URL : gerai.salihara.org

PEMELIHARAAN

- **backup database**

```
pg_dump -U {user-name} {source_db} -f {dumpfilename.sql}
```

- **restore database**

```
psql -U {user-name} -d {destination_db} -f {dumpfilename.sql}
```

- **dump database**

```
psql -d {database name} -h localhost -U {psql username} -w -f {dump file}
```

- **menyalakan server aplikasi**

```
rails s -e production -d
```

- **melihat log aplikasi**

```
tail -f log/production.log
```

Credential Salihara

- **ssh ke server**

```
ssh -p12320 customer@43.231.128.43
```

- **username**

```
customer
```

- **password**

```
KS4II12A_2015
```

- Bila sudah masuk server, masuk ke direktory aplikasi

```
cd salihara_commerce/current
```