

1. *Admin_action table*

Field	Type	Null	Key	Default	Extra
action_id	int	NO	PRI	NULL	auto_increment
admin_id	int	YES	MUL	NULL	
action_type	enum('ADD_PRODUCT','UPDATE_PRODUCT','DELETE_PRODUCT','ACTIVATE_SUBSCRIPTION','DEACTIVATE_SUBSCRIPTION','VIEW_ORDERS','OTHER')	NO		NULL	
action_details	text	YES		NULL	
action_timestamp	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED

2. *Admin_log*

Field	Type	Null	Key	Default	Extra
log_id	int	NO	PRI	NULL	auto_increment
user_id	int	YES	MUL	NULL	
action	varchar(255)	NO		NULL	
action_timestamp	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED

3. *Customer_subscriptions*

Field	Type	Null	Key	Default	Extra
customer_subscription_id	int	NO	PRI	NULL	auto_increment
user_id	int	YES	MUL	NULL	
subscription_id	int	YES	MUL	NULL	
start_date	date	NO		NULL	
next_delivery_date	date	NO		NULL	
status	enum('ACTIVE','CANCELLED')	YES		ACTIVE	
created_at	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED

4. *Delivery_schedule*

Field	Type	Null	Key	Default	Extra
schedule_id	int	NO	PRI	NULL	auto_increment
delivery_date	date	NO		NULL	
order_id	int	YES	MUL	NULL	
product_id	int	YES	MUL	NULL	
customer_name	varchar(100)	YES		NULL	
address	text	YES		NULL	
status	enum('PENDING','COMPLETED')	YES		PENDING	
created_at	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED

5. *Orders*

Field	Type	Null	Key	Default	Extra
order_id	int	NO	PRI	NULL	auto_increment
customer_subscription_id	int	YES	MUL	NULL	
product_id	int	YES	MUL	NULL	
order_date	date	NO		NULL	
delivery_date	date	YES		NULL	
status	enum('PENDING','DELIVERED','CANCELLED')	YES		PENDING	
created_at	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED

6. *Payment_details*

Field	Type	Null	Key	Default	Extra
payment_id	int	NO	PRI	NULL	auto_increment
order_id	int	YES	MUL	NULL	
payment_method	enum('CREDIT_CARD','DEBIT_CARD','PAYPAL','BANK_TRANSFER')	YES		NULL	
amount	decimal(10,2)	NO		NULL	
payment_status	enum('PENDING','COMPLETED','FAILED')	YES		PENDING	
payment_date	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED

7. *Product_categories*

Field	Type	Null	Key	Default	Extra
category_id	int	NO	PRI	NULL	auto_increment
category_name	varchar(50)	NO	UNI	NULL	
description	text	YES		NULL	

8. *Products*

Field	Type	Null	Key	Default	Extra
product_id	int	NO	PRI	NULL	auto_increment
name	varchar(100)	NO		NULL	
description	text	YES		NULL	
category	enum('Fruits','Vegetables','Snacks','Meals','Others')	YES		NULL	
price	decimal(10,2)	NO		NULL	
image_url	varchar(255)	YES		NULL	
is_active	tinyint(1)	YES		1	
created_at	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED

9. Subscription_customization

Field	Type	Null	Key	Default	Extra
customization_id	int	NO	PRI	NULL	auto_increment
customer_subscription_id	int	YES	MUL	NULL	
customization_details	text	YES		NULL	
created_at	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED

10. Subscriptions

Field	Type	Null	Key	Default	Extra
subscription_id	int	NO	PRI	NULL	auto_increment
product_id	int	YES	MUL	NULL	
frequency	enum('WEEKLY','BI-WEEKLY','MONTHLY','CUSTOM')	NO		NULL	
custom_start_date	date	YES		NULL	
custom_end_date	date	YES		NULL	
price	decimal(10,2)	NO		NULL	
is_active	tinyint(1)	YES		1	
created_at	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED

11. Users

Field	Type	Null	Key	Default	Extra
user_id	int	NO	PRI	NULL	auto_increment
username	varchar(50)	NO		NULL	
email	varchar(100)	NO	UNI	NULL	
password_hash	varchar(255)	NO		NULL	
address	text	YES		NULL	
phone_number	varchar(15)	YES		NULL	
role	enum('CUSTOMER','ADMIN')	YES		CUSTOMER	
created_at	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED