Rewards

Column name	Type	Length	NULL	Default	Relation	Description
id	BIGINT UNSIGNED		N	AUTO_INCREMENT PRIMARY		
user_id	BIGINT UNSIGNED		N	0		User ID
order_id	BIGINT UNSIGNED		N	0		Orders ID
points	SMALLINT UNSIGNED		Y	0		Reward points
redeemed	SMALLINT UNSIGNED		Y	0		Total reward points have been redeemed
available	SMALLINT UNSIGNED		Y	0		Total available reward points can be redeemed (if previous redeem not fully utilized, remaining still available to be redeemed)
is_redeemed	TINYINT		Y	0		Is this reward has been redeemed 0 = No, 1 = Yes
status	varchar	1	N	'A'		Record status
redeemed_at	datetime		Y	'0000-00-00 00:00:00'		Last redeemed date & time
expiry_at	datetime		Y	'0000-00-00 00:00:00'		Reward points expiry date & time
created_at	datetime		N	NOW()		Created date & time
created_by	INT UNSIGNED		N			Created by whom (User ID)
updated_at	datetime		Y	'0000-00-00 00:00:00'		Last updated date & time
updated_by	INT UNSIGNED		Y			Updated by whom (User ID)

Table name	*rewards*
Description	To stores user's rewards points
UNIQUE KEY	rewards_uk id
INDEX KEY	rewards_idx id, order_id, user_id
	rewards_idx2 is_redeemed, expiry_at, available

Redeemed logs

Column name	Type	Length	NULL	Default	Relation	Description
id	BIGINT UNSIGNED		N	AUTO_INCREMENT PRIMARY		
user_id	BIGINT UNSIGNED		N	0		User ID
order_id	BIGINT UNSIGNED		N	0		Orders ID
rewards_id	BIGINT UNSIGNED		N	0	rewards.id	Rewards ID
redeemed	SMALLINT UNSIGNED		Y	0		Total reward points have been redeemed
available	SMALLINT UNSIGNED		Y	0		Total available reward points can be redeemed (if previous redeem not fully utilized, remaining still available to be redeemed)
created_at	datetime		N	NOW()		Created date & time
created_by	INT UNSIGNED		N			Created by whom (User ID)

Table name	redeemed_logs		
Description	Stores all redeem activity logs		
UNIQUE KEY	redeemed_logs_uk	id	
INDEX KEY	redeemed_logs_idx	id, order_id, rewards_id	
	redeemed_logs_idx2	user_id	

Payments

Column name	Type	Length	NULL	Default	Relation	Description
id	BIGINT UNSIGNED		N	AUTO_INCREMENT PRIMARY		
user_id	BIGINT UNSIGNED		N	0		User ID
order_id	BIGINT UNSIGNED		N	0		Orders ID
currency	VARCHAR	3	Y	'USD'		Original payment currency Code (If not pay by USD)
base_amount	DECIMAL UNSIGNED	8, 2	Y	0		Original payment amount (If not pay by USD)
usd_amount	DECIMAL UNSIGNED	8, 2	Y	0		Payment amount in USD
redeemed_currency	VARCHAR	3	Y	'USD'		Redeemed amount in USD currency code
redeemed_points	INT UNSIGNED		Y	0		Redeemed points
redeemed_amount	DECIMAL UNSIGNED	8, 2	Y	0		Redeemed amount in USD
created_at	datetime		N	NOW()		Created date & time
created_by	INT UNSIGNED		N			Created by whom (User ID)

Table name	*payments*
Description	Stores all users payment records
UNIQUE KEY	payments_uk id
INDEX KEY	payments_idx id, user_id, order_id