

## CONSTRAINTS USED IN TABLES

### 1 category Table

PRIMARY KEY, AUTO\_INCREMENT : category\_id  
NOT NULL : title  
NOT NULL : parent\_category\_id  
FOREIGN KEY : parent\_category\_id to category(category\_id)

### 2 product Table

PRIMARY KEY, AUTO\_INCREMENT : product\_id  
NOT NULL : title  
NOT NULL : price  
DEFAULT = TRUE : is\_active  
DEFAULT = CURRENT\_TIMESTAMP : created\_at

### 3 shopper Table

PRIMARY KEY, AUTO\_INCREMENT : shopper\_id  
NOT NULL : name  
NOT NULL, UNIQUE : email  
NOT NULL, UNIQUE : contact  
DEFAULT = CURRENT\_TIMESTAMP : create\_at

### 4 inventory Table

PRIMARY KEY, AUTO\_INCREMENT : id  
NOT NULL : quantity  
NOT NULL : product\_id  
FOREIGN KEY : product\_id to product(product\_id )

### 5 image Table

PRIMARY KEY, AUTO\_INCREMENT : image\_id  
NOT NULL : image\_url  
NOT NULL : product\_id  
FOREIGN KEY : product\_id to product(product\_id )

### 6. Orders Table

PRIMARY KEY, AUTO\_INCREMENT : id

DEFAULT = CURRENT\_TIMESTAMP : shopping\_date  
NOT NULL : total  
NOT NULL : shopper\_id  
FOREIGN KEY : shopper\_id to shopper(shopper\_id )

#### 7 order\_detail Table

PRIMARY KEY, AUTO\_INCREMENT : id  
NOT NULL : order\_id  
NOT NULL : product\_id  
NOT NULL : quantity  
NOT NULL : price  
DEFAULT = FALSE : shipped  
DEFAULT = FALSE : completed  
DEFAULT = FALSE : cancelled  
FOREIGN KEY : product\_id to product(product\_id )  
FOREIGN KEY : order\_id to orders(order\_id )

#### 8 product\_category Table

PRIMARY KEY, AUTO\_INCREMENT : id  
NOT NULL : category\_id  
NOT NULL : product\_id  
FOREIGN KEY : product\_id to product(product\_id )  
FOREIGN KEY : category\_id to category(category\_id )