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1 categories

Creation: Nov 03, 2016 at 02:13 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(3)		No		auto_increment			
name	text		No					

2 colors

Creation: Nov 03, 2016 at 02:13 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(8)		No		auto_increment			
description	varchar(100)		No					

3 comments

Creation: Nov 07, 2016 at 02:59 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(8)		No		auto_increment			
glasses_id	int(8)		No			-> glasses.id ON UPDATE CASCADE ON DELETE CASCADE		
user_name	varchar(100)		No			-> users.name ON UPDATE CASCADE ON DELETE CASCADE		
rating	int(1)		No					
comment_text	varchar(2500)		Yes	NULL				

4 face_pairings

Table comments: Face pairings e.g. aviators go with round or oval faces
Creation: Nov 03, 2016 at 02:13 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
category_id	int(3)		No			-> categories.id ON UPDATE RESTRICT ON DELETE RESTRICT		
face_shape_id	int(3)		No	1		-> face_shapes.id ON UPDATE RESTRICT ON DELETE RESTRICT		

5 face_shapes

Table comments: e.g. id = 2, shape = 'ROUND'
Creation: Nov 03, 2016 at 02:13 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(3)		No		auto_increment			
shape	varchar(50)		No					

6 favourite_products

Table comments: used to store user's favourite items from the catalog
Creation: Nov 03, 2016 at 02:13 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
user_id	int(8)		No			-> users.id ON UPDATE RESTRICT ON DELETE RESTRICT		
glasses_id	int(8)		No			-> glasses.id ON UPDATE RESTRICT ON DELETE RESTRICT		

7 glasses

Table comments: may need columns for color, brand, manufacturer's product code
Creation: Nov 05, 2016 at 07:32 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(8)		No		auto_increment			
category_id	int(3)		No	8		-> categories.id ON UPDATE RESTRICT ON DELETE RESTRICT		
manufacturer_id	int(20)		No			-> manufacturers.id ON UPDATE RESTRICT ON DELETE RESTRICT		
model_number	varchar(30)		No					
color_id	int(8)		No			-> colors.id ON UPDATE RESTRICT ON DELETE RESTRICT		
gender	enum('Men', 'Women', 'Unisex')		No	Unisex				
description	text		No					
price	float		Yes	NULL				

8 manufacturers

Creation: Nov 03, 2016 at 02:13 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(8)		No		auto_increment			
name	varchar(100)		No					
website	varchar(500)		No					

9 users

Creation: Nov 07, 2016 at 02:59 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(8)		No		auto_increment			
email	varchar(100)		No					
name	varchar(100)		No					
face_shape_id	int(3)		Yes	NULL		-> face_shapes.id ON UPDATE RESTRICT ON DELETE RESTRICT		
password	varchar(255)		No					
admin_privilege	tinyint(1)		No	0				

10 web_resources

Table comments: Used for URL access for web scraping / APIs
Creation: Nov 03, 2016 at 02:13 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
glasses_id	int(8)		No			-> glasses.id ON UPDATE RESTRICT ON DELETE RESTRICT		
url	varchar(300)		No					
ASIN	varchar(20)		Yes	NULL			Amazon Standard ID #	

face_pairings
- category_id
- face_shape_id

web_resources
- glasses_id
- url
- ASIN

categories
- id
- name

favourite_products
- user_id
- glasses_id

manufacturers
- id
- name
- website

face_shapes
- id
- shape

glasses
- id
- category_id
- manufacturer_id
- model_number
- color_id
- gender
- description
- price

colors
- id
- description

users
- id
- email
- name
- face_shape_id
- password
- admin_privilege

comments
- id
- glasses_id
- user_name
- rating
- comment_text