INTRODUCTION

- ShopQuest is an E - Commerce website which specialises in buying and selling of goods online, ShopQuest also provides an Exclusive discount to the customer based on thier previous orders, or an initial discount to a new customer.

TOOLS AND TECHNOLOGIES

Frontend - HTML, CSS, Bootstrap
Backend - PHP, SQL (Query Language)
Database - MySQL (RDBMS)

FEATURES

- Buy and sell Products

- Exclusive Discount

- Rate and review products

- Wishlist products

- Add to cart or Buy a product

- Filter products based on Categories, Subcategories, popularity and Price

- Admin interface

- seller interface

TYPES OF USERS

- **Admin** : Admin can modify content on website like add a new category, subcategory, product, also view, deny, approve or disapprove seller requests, and view data in the database

- **User** : A user can buy a product, add a product to cart, view and modify contents of the cart, wishlist a product, rate and review a product.

- **Seller** : A seller can sell products, can view requests or history of thier own.

TABLES

The ShopQuest DBMS has eleven tables.

1. User
2. Category
3. Sub Category
4. Product
5. Unique Product
6. Wishlist
7. Cart
8. Orders
9. Order Contents
10. Seller
11. Store Info

SCHEMA

User

NAME	TYPE	NULL	KEY
user_name	varchar(16)	NOT NULL	PRIMARY KEY
email	varchar(256)		
password	varchar(256)		

Categories

NAME	TYPE	NULL	KEY
cat_id	int(11)	NOT NULL	PRIMARY KEY
cat_name	varchar(256)		

Sub_categories

NAME	TYPE	NULL	KEY
sub_cat_id	int(11)	NOT NULL	PRIMARY KEY
sub_cat_name	varchar(256)		
cat_id	int(11)	NOT NULL	FOREIGN KEY

Products

NAME	TYPE	NULL	KEY
product_id	int(11)	NOT NULL	PRIMARY KEY
product_name	varchar(256)		
sub_cat_id	int(11)	NOT NULL	FOREIGN KEY
product_brand	varchar(256)		
product_description	text		
rating	float		

Unique_product

NAME	TYPE	NULL	KEY
unique_type_id	int(11)	NOT NULL	PRIMARY KEY
product_id	int(11)	NOT NULL	FOREIGN KEY
price	int(11)		
quantity	int(11)		
seller_user_name	varchar(16)	NOT NULL	FOREIGN KEY
color	varchar(256)		
size	varchar(25)		

Cart

NAME	TYPE	NULL	KEY
user_name	varchar(16)	NOT NULL	PRIMARY KEY
unique_type_id	int (11)		PRIMARY KEY
qty	int (11)		

Seller

NAME	TYPE	NULL	KEY
seller_user_name	varchar(16)	NOT NULL	PRIMARY KEY
seller_email	varchar(256)		
seller_password	varchar(256)		
seller_rating	float		

orders

NAME	TYPE	NULL	KEY
order_id	int (11)	NOT NULL (AUTO_INCREMENT)	PRIMARY KEY
user_name	varchar(256)	NOT NULL (DEFAULT CURRENT TIMESTAMP)	FOREIGN KEY
order_date	timestamp	NOT NULL	
total_price	int (11)		

Store_info

NAME	TYPE	NULL	KEY
store_info_id	int(11)	NOT NULL (AUTO_INCREMENT)	PRIMARY KEY
seller_user_name	varchar(32)	NOT NULL	FOREIGN KEY
category	varchar(255)	NOT NULL	
product_name	varchar(255)	DEFAULT 0	
product_brand	varchar(255)		
product_description	text		
price	float		
quantity	int(11)		
color	varchar(255)		
size	varchar(255)		
approved	int(11)		

Order_contents

NAME	TYPE	NULL	KEY
order_id	int (11)	NOT NULL	
unique_type_id	int (11)	NOT NULL	FOREIGN KEY
qty	int (11)	NOT NULL	
o_rating	int (11)	DEFAULT 0	
review	varchar(255)		

Wishlist

NAME	TYPE	NULL	KEY
user_name	varchar(16)	NOT NULL	FOREIGN KEY
product_id	int (11)		FOREIGN KEY