A

Project Report

On

CANDY SHOP

WEBSITE NAME

CANDYLAND

TEAM NO. 24

TEAM MEMBERS

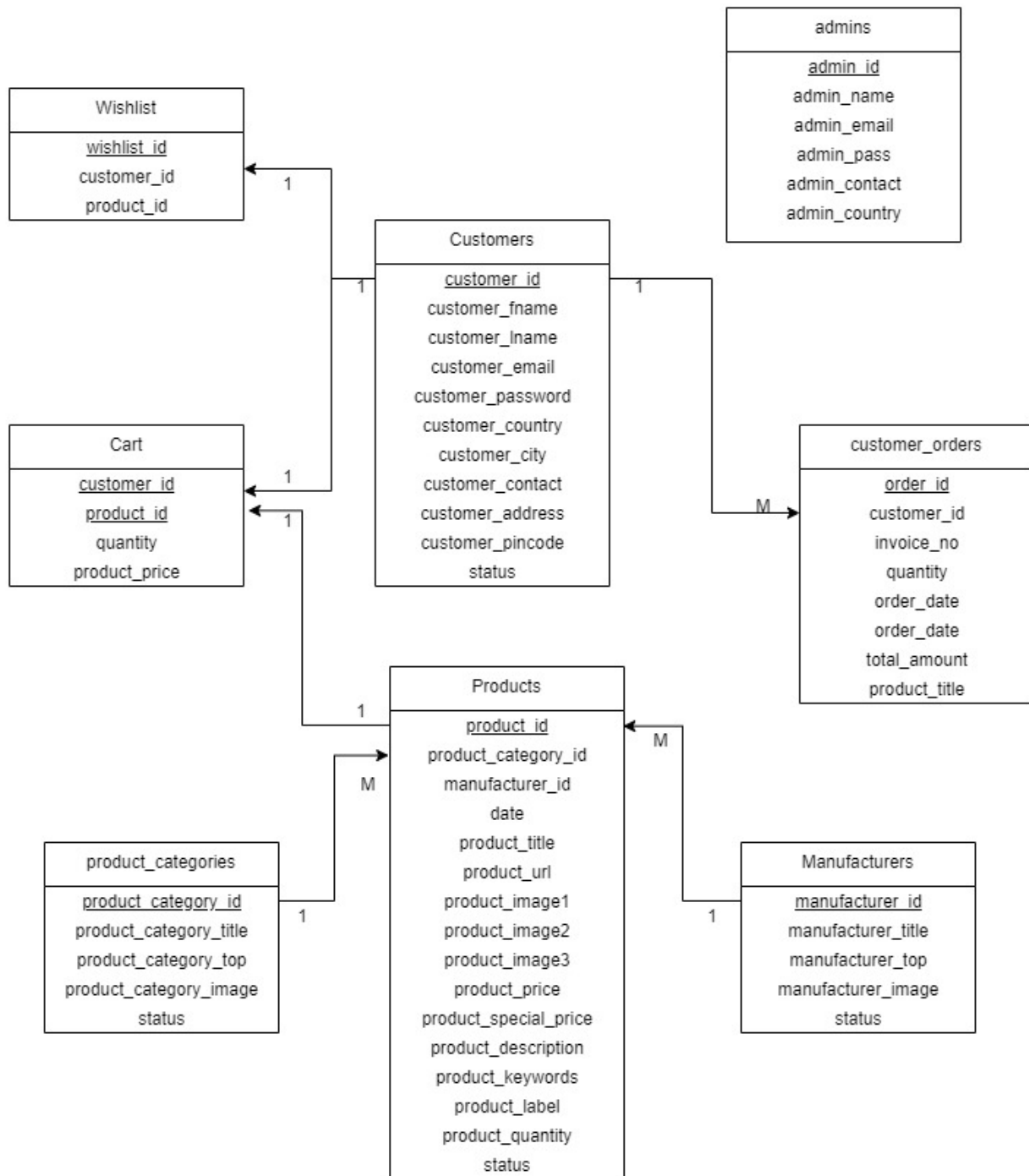| NET ID	NAME
AXP190001	AAKASH KANUBHAI PRAJAPATI
PXP190016	PARASHAR KETANKUMAR PARIKH

Project Description

This is a website where candy lovers can buy different kind of candies, chocolates, jelly-belly, M&M and novelties. User should have account in the system to buy any products. Without login user can see all products but cannot add to cart or Wishlist. User can register and create user account in the system. After login user can use all functionalities.
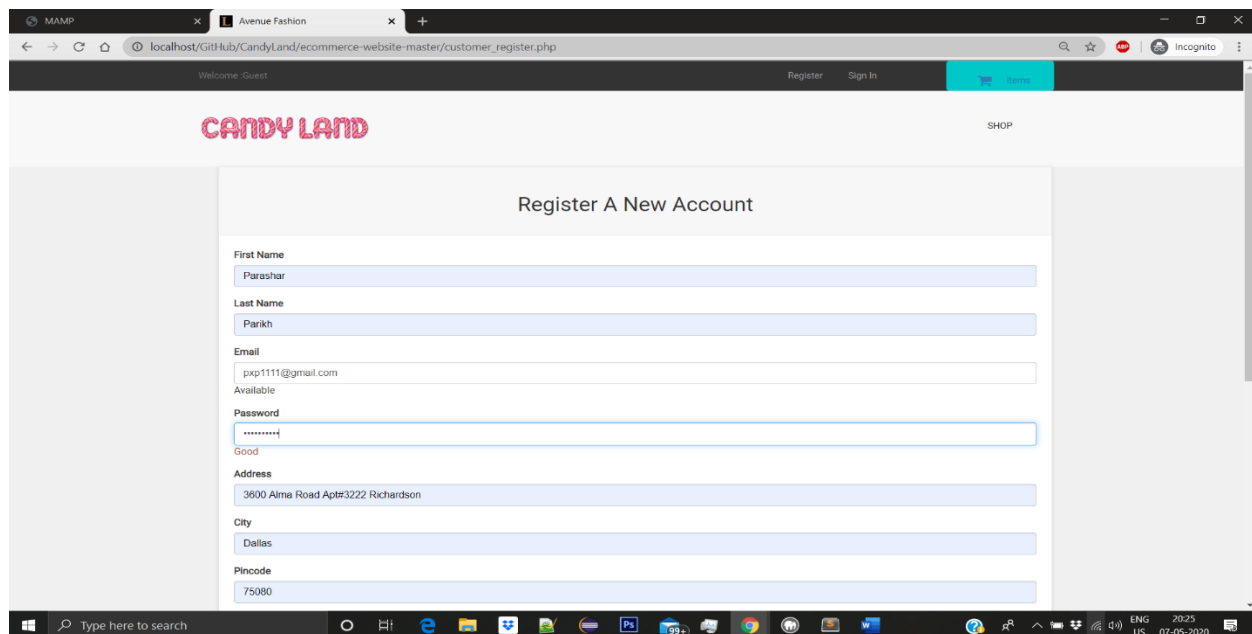
The website has functionalities like view all product, filter using different product manufacturers, different product types and using the name of a product. All the filters are responsive.

User and admin have same interface. Admin can view, edit and delete all products. But in addition, would be able to insert, edit and delete the manufacturers, product types and would be also able to view orders.

Database Design

admins
admin_id
admin_name
admin_email
admin_pass
admin_contact
admin_country

Wishlist
wishlist_id
customer_id
product_id

Customers
customer_id
customer_fname
customer_lname
customer_email
customer_password
customer_country
customer_city
customer_contact
customer_address
customer_pincode
status

Cart
customer_id
product_id
quantity
product_price

customer_orders
order_id
customer_id
invoice_no
quantity
order_date
order_date
total_amount
product_title

Products
product_id
product_category_id
manufacturer_id
date
product_title
product_url
product_image1
product_image2
product_image3
product_price
product_special_price
product_description
product_keywords
product_label
product_quantity
status

product_categories
product_category_id
product_category_title
product_category_top
product_category_image
status

Manufacturers
manufacturer_id
manufacturer_title
manufacturer_top
manufacturer_image
status

All the tables are in 3NF. All the primary keys are underlined and foreign keys are shown using arrows.

Note: SQL file is provided in the submission.

User Activities

Without login user can see all products but cannot add to cart or Wishlist. User can register and create user account in the system. After login user can use all functionalities.

The website has functionalities like view all product, filter using different product manufacturers, different product types and using the name of a product. All the filters are responsive (implemented using ajax) so user do not have to click any button.

When user click on any product detailed page of that product will open. In that page user can see available product quantity. On that page user can add product to cart in any quantity less than available quantity, also can add to Wishlist.

User can see all cart items using top right cart button. After clicking that user can see all cart items. User can also change quantity or delete cart items. Now User can click checkout button to checkout all items from the cart. Check out button will redirect user to payment page. After payment user will redirect to page where user can see all orders from history. User can change password, any user details, delete account.

Assumption: In payment we assume that user can pay only offline.

User Screenshots

Figure 1 User Registration
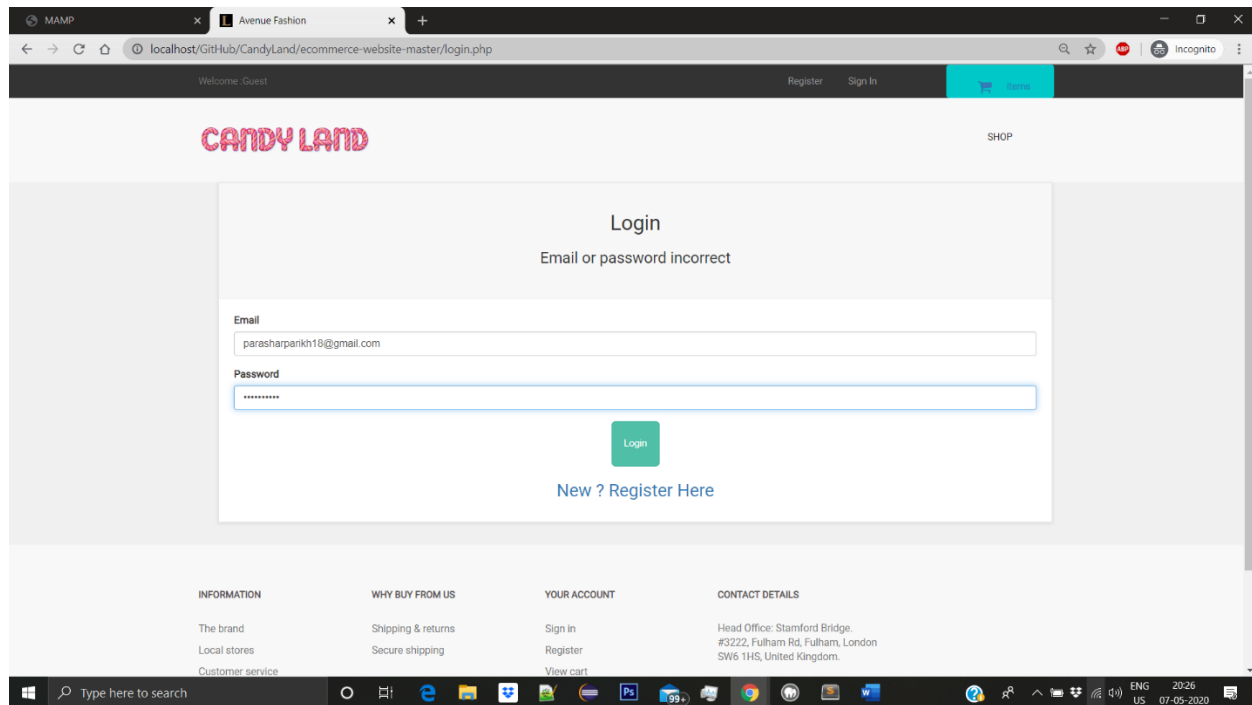
Figure 2 Login
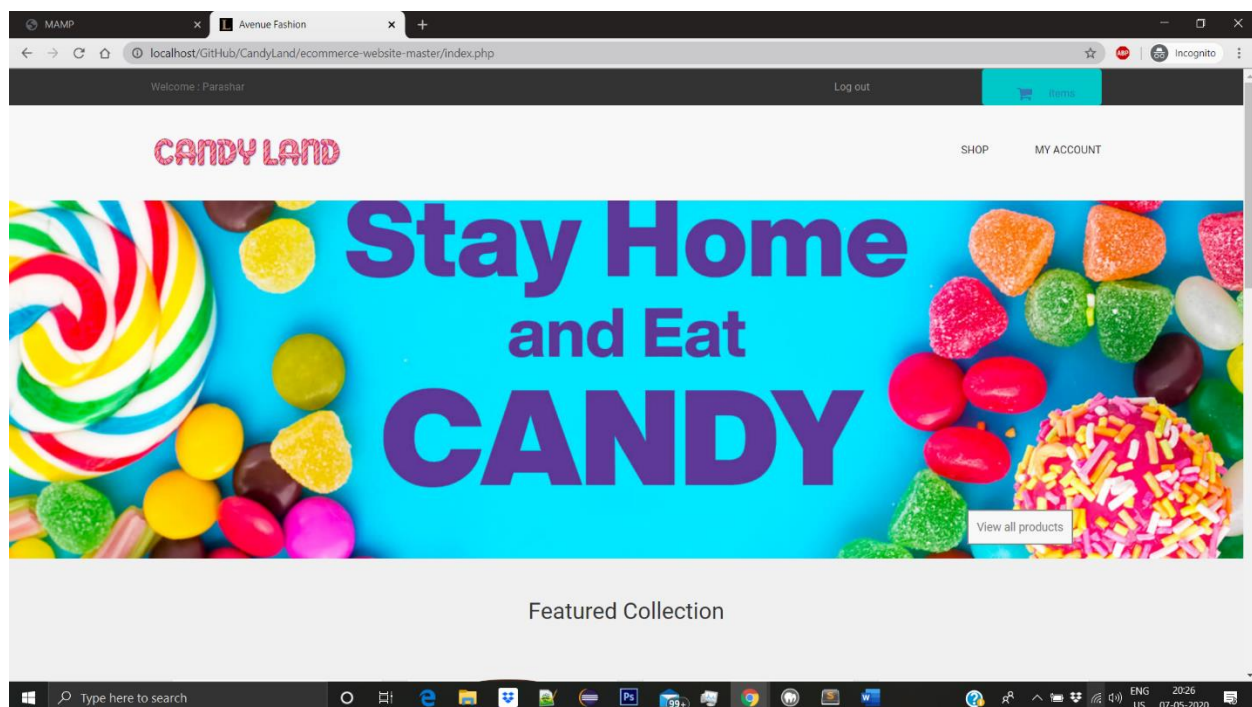
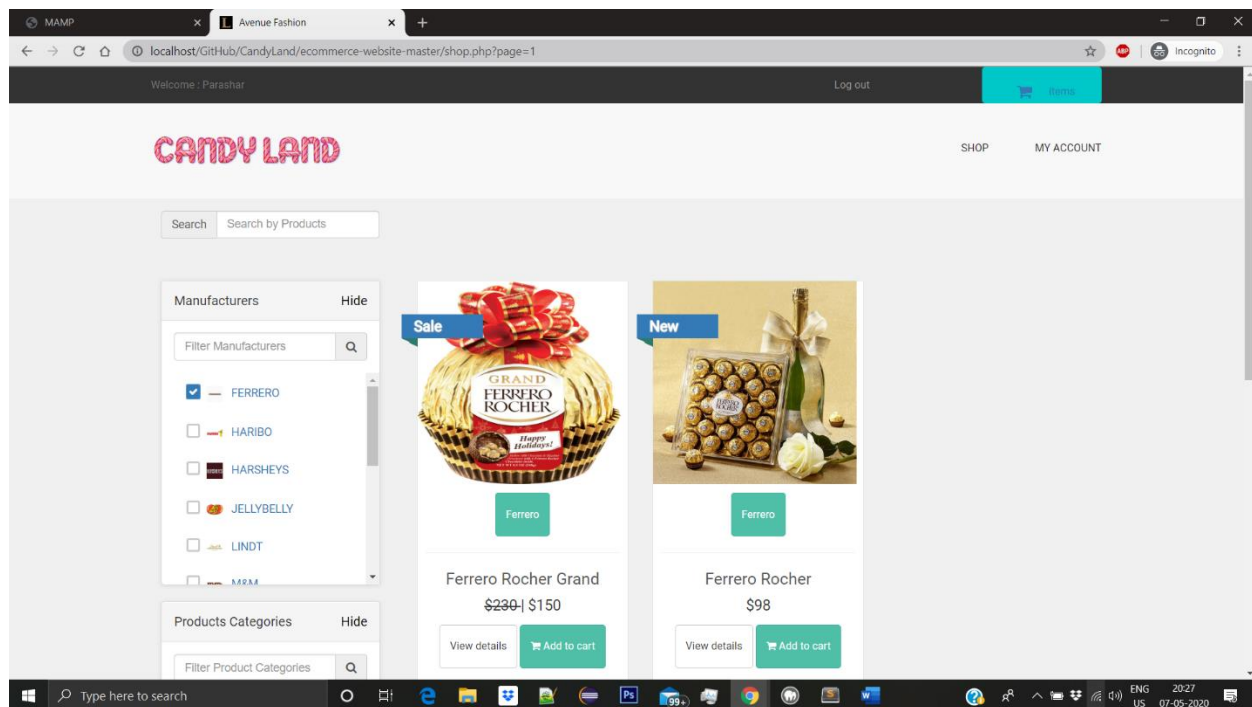*Figure 3 Home page*
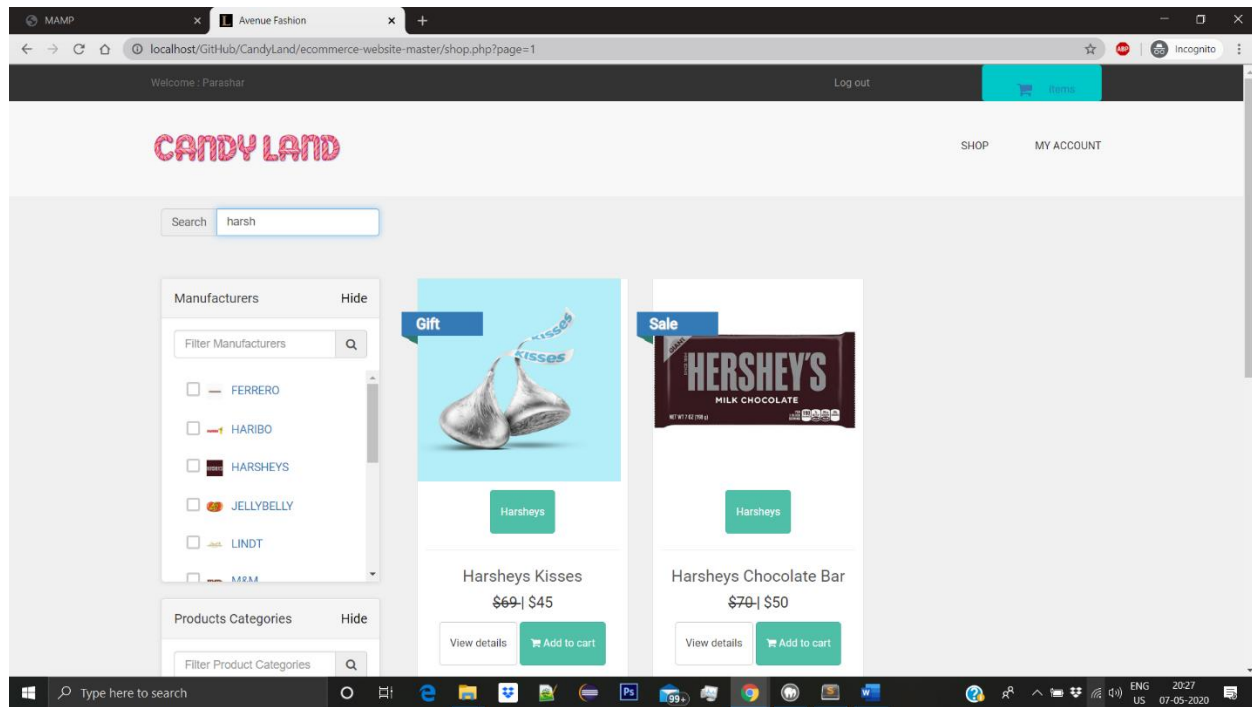
Figure 4 Products with filtration by name

Figure 5 Product with filtration by manufacturer
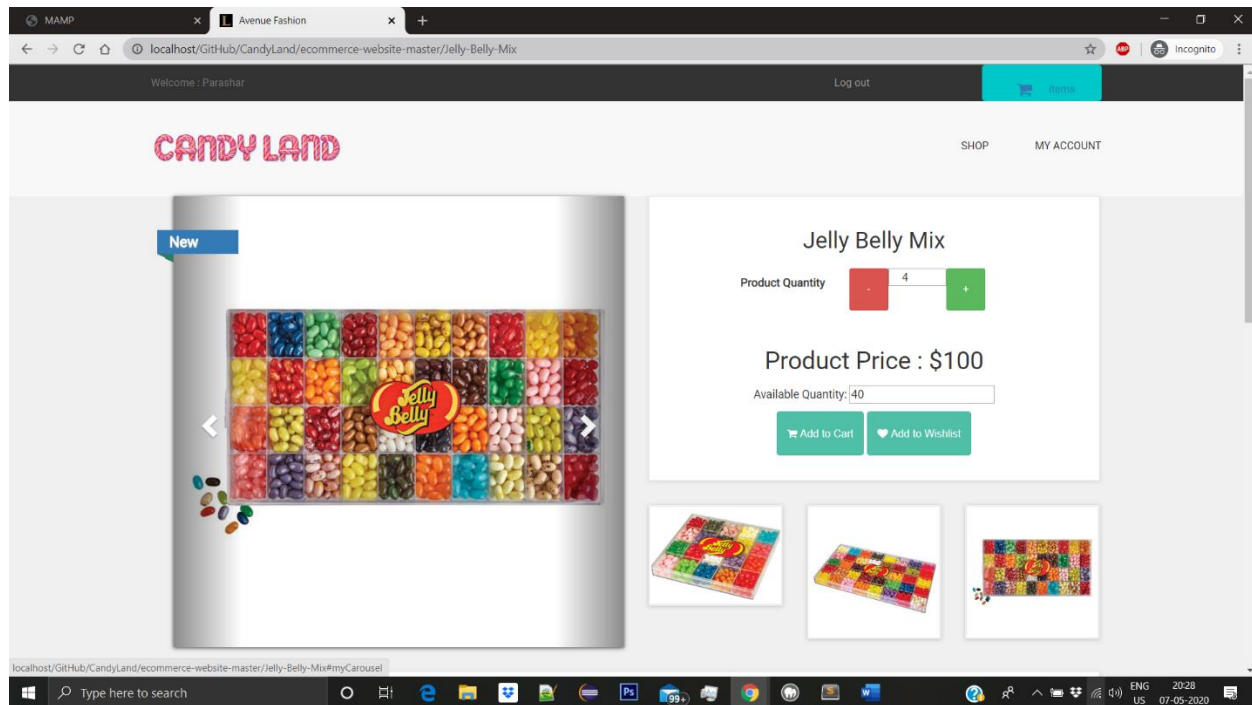
Figure 6 Detailed product page

Figure 7 Cart
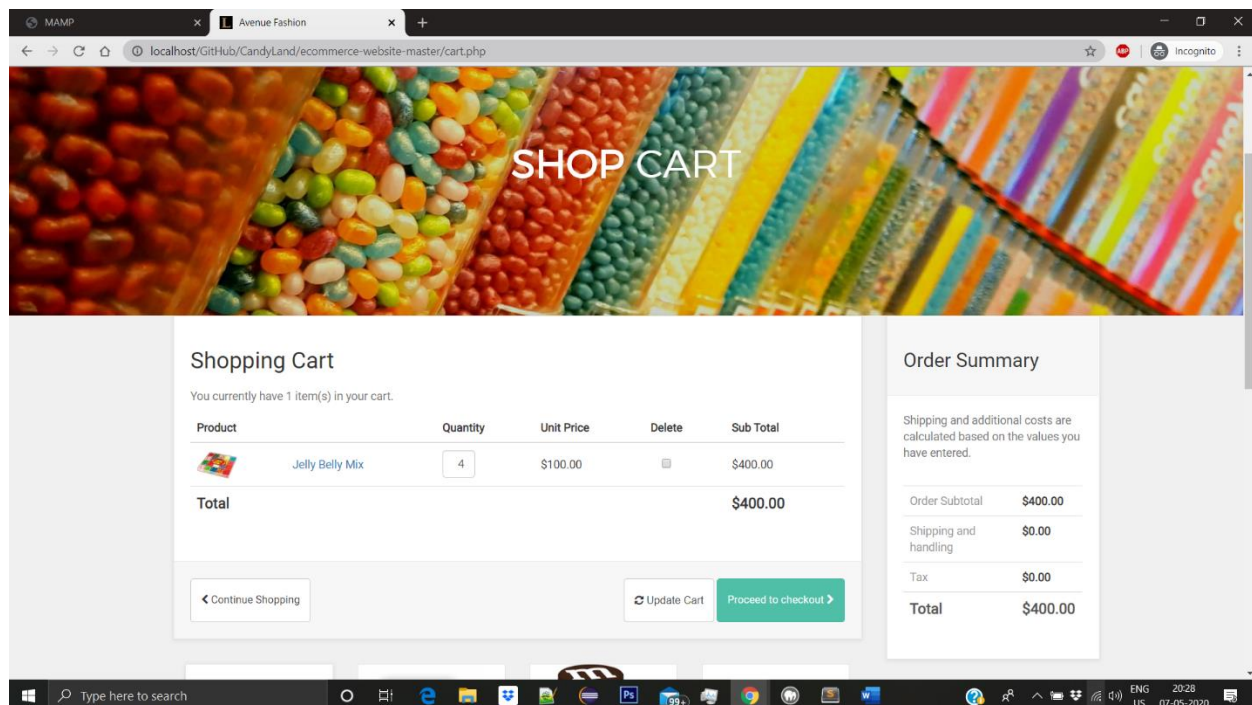
Figure 8 View Orders

Admin Activities

Admin and users have same interface. From login page system can detect admin login. After admin login admin can see all products and use all functionalities as user. But in addition, would be able to insert, edit and delete the product, manufacturer, product type. Also, would be also able to view orders.

Assumption: Create new admins by adding to the database.

Admin Screenshots
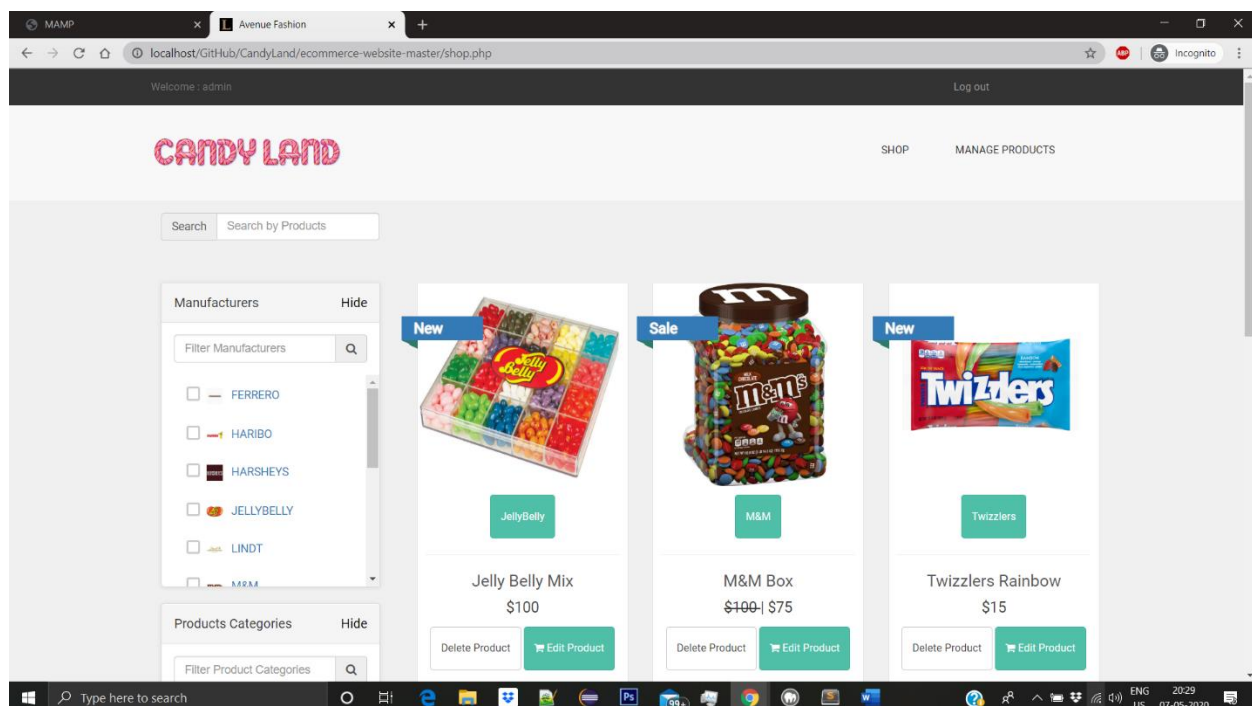
Figure 9 Admin product page
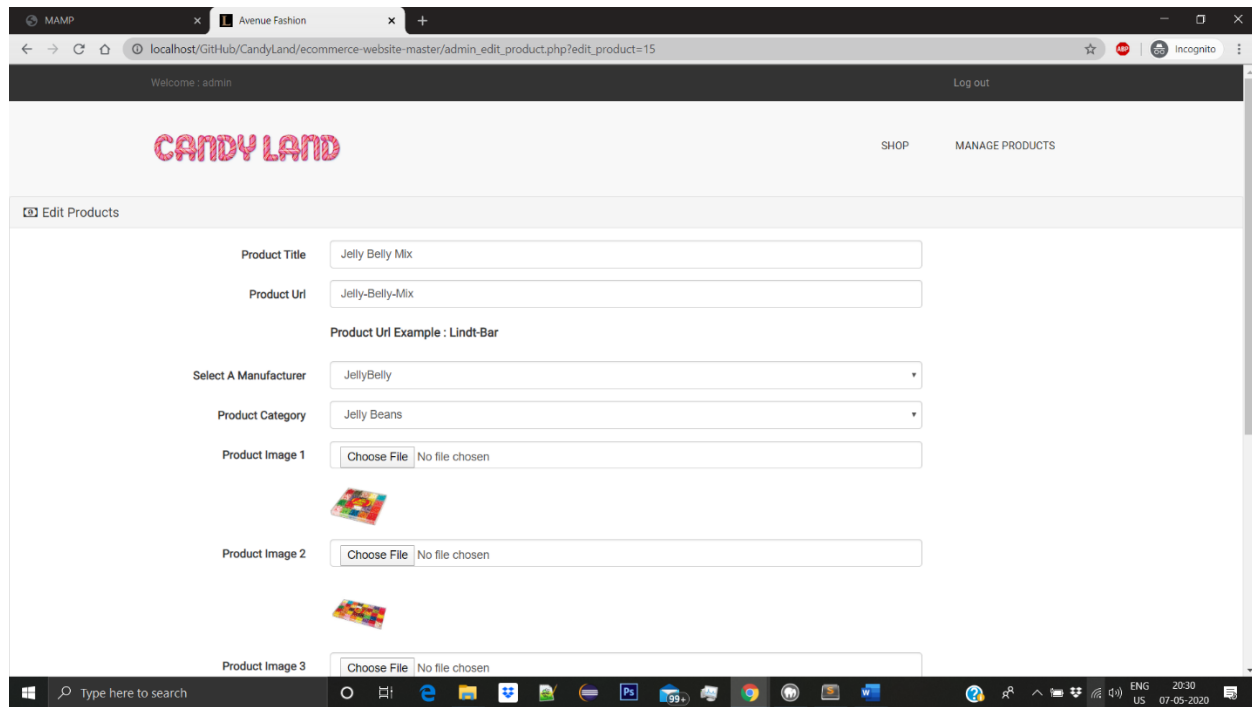
Figure 10 Edit product
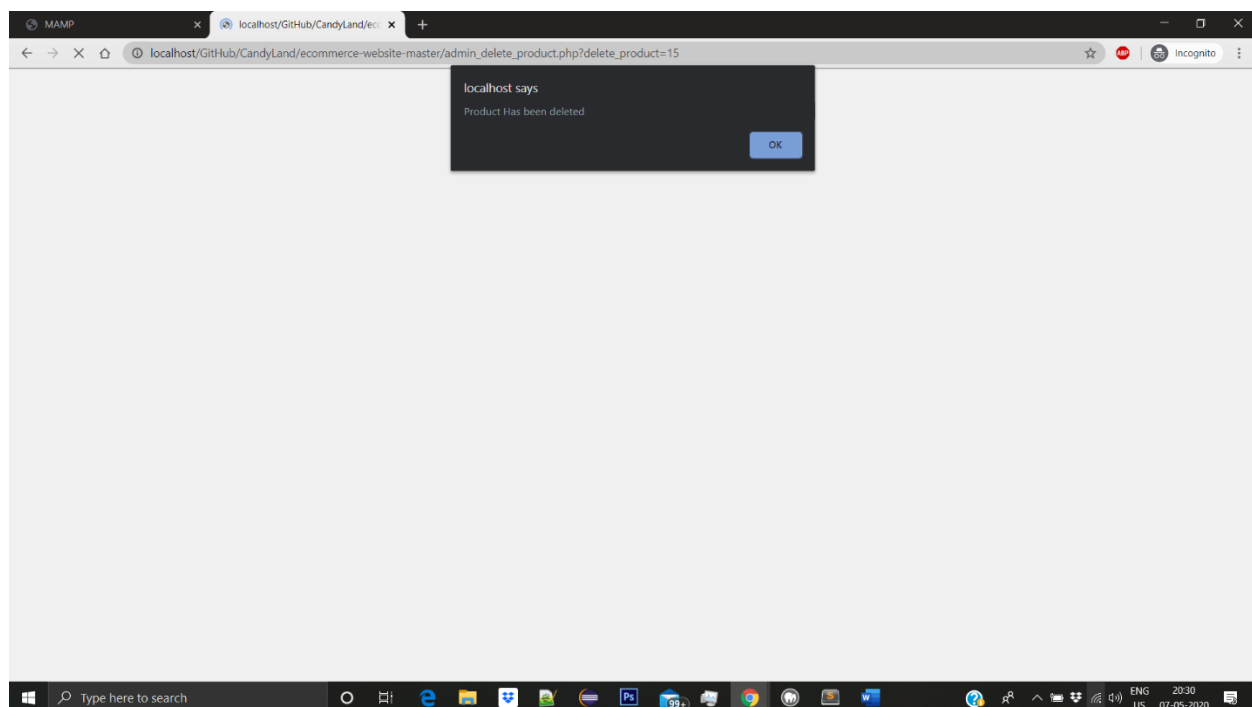
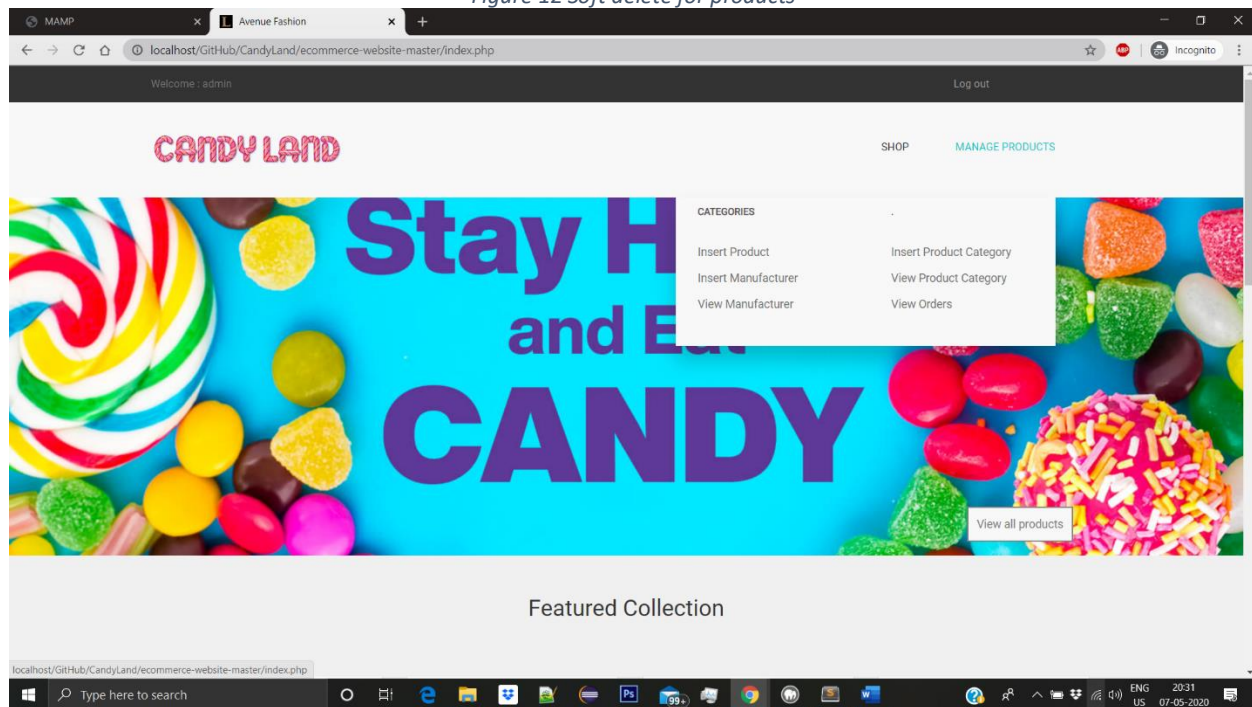*Figure 11 Delete a product*
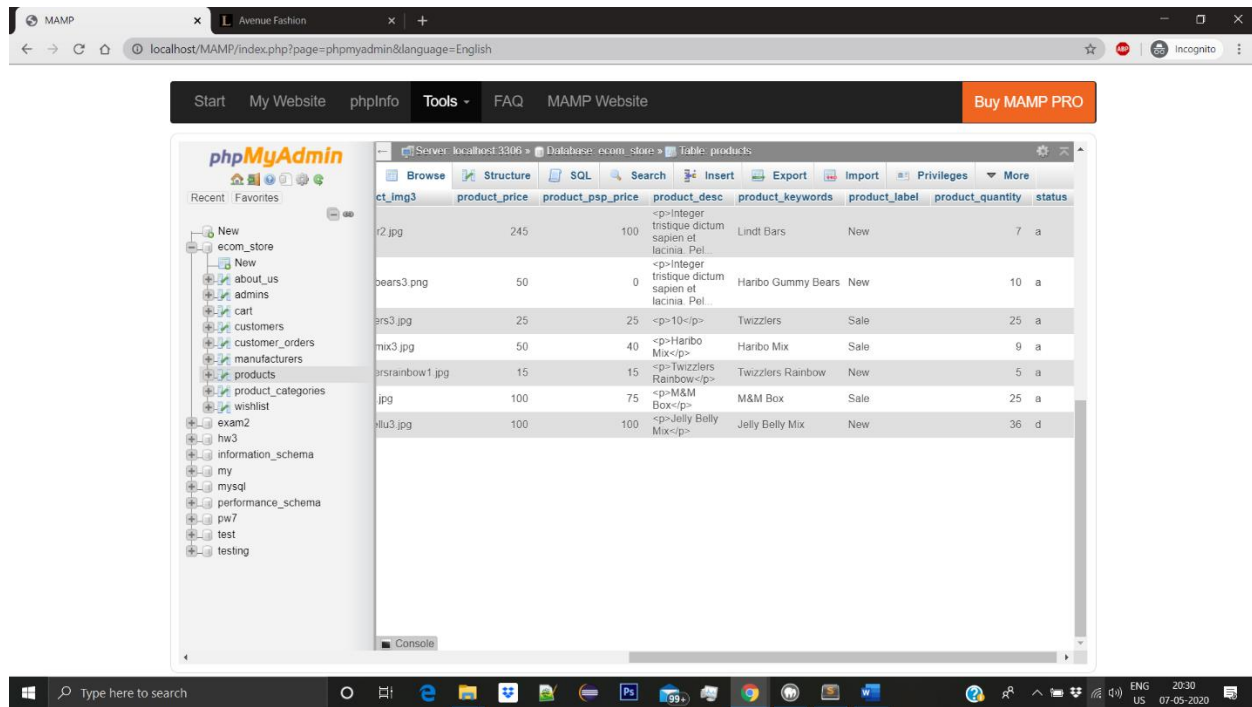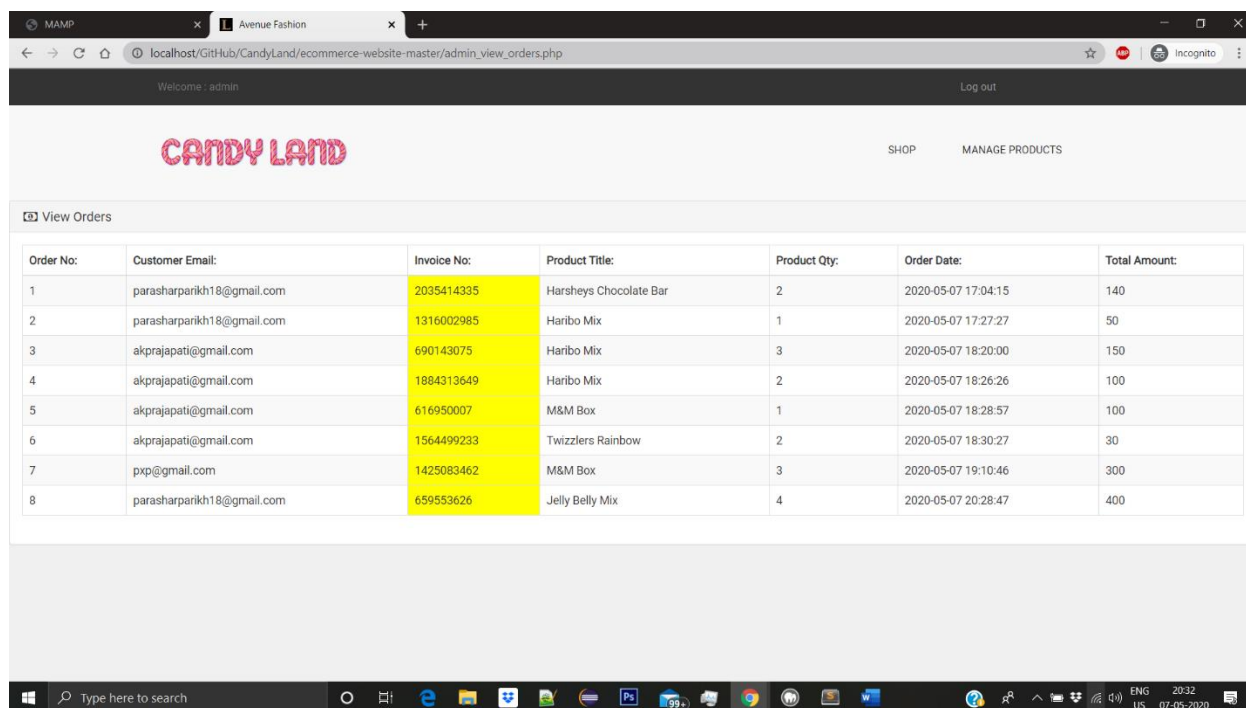
Figure 12 Soft delete for products

Figure 13 Other functionalities for admin

Figure 14 View orders

Languages/frameworks

We used HTML, CSS, Bootstrap, Java Script, jQuery, ajax, php.

Work division

Designed database together.

Aakash: Worked on 'admin pages including user management and product inventory' both front end and back end. Admin pages includes following:

1. registration – add, update, delete customers
2. login
3. add, delete, update products
4. add, delete, update manufacturer
5. add, delete, update categories
6. view all order
7. User pages / manage account

Parashar: Worked on 'product pages including cart and shopping' both front end and back end. Product pages includes the following:

1. Shop page – listing of all products
2. Filtration of products with pagination
3. Wishlist
4. Order
5. Cart
6. Detail page of a product
7. Functions to view products