Advanced Web Programming

Final Project Specification

The project should be developed by a group of 3 people

Final Project Specification – summary   (max point 40 points)

The goal of our project is to create a simple e-commerce application (e-shop). The application will consist of two parts: fronetnd app and backend (as a local web server using DB Mango in the Cloude). App should includes authenticated and authorization module. There are three roles in our application: guests, user (logged users) and admin (administrator).

Model data: category, name, price, account, rating.

The guest can only view the product list without being able to buy/order any products.

Logged user can buy/order any of products. User can possible to filter list of products by some of properties (like: range of price, product category). User has possible to find products by use name searching. Upon registration, the user provides his nick name and login details (e-mail as a login and password). Logged user can also see a list of orders existing in his basket.

Admin is responsible for manage list of products and list of user too.
Admin can use a dedicated panel to delete, edit all existing product and add new product too.
The administrator can use a another panel dedicated only to him to manage the list of users – display users list and have possibility to banned (blocking) any of them. Banned means that user cannot buy/order new products.

Example of Mock of menu for different roles:
(item in red means that it is not available for that role,
 item in blue – name of user

View for guest

Home			Registry	Login

View for User

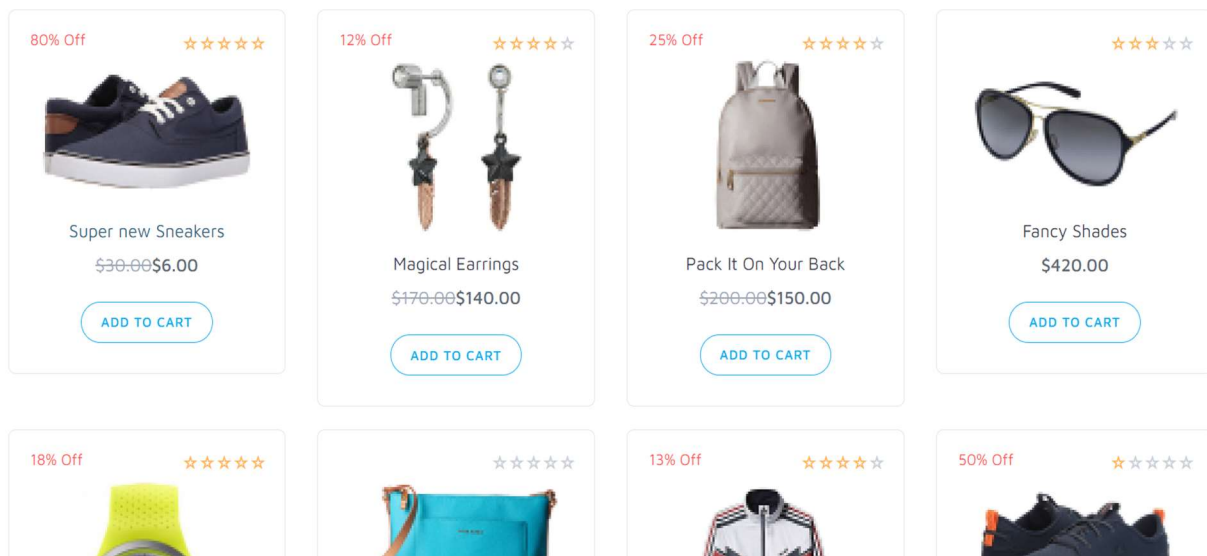| Home	Product LIST	Admin View	MyCARD		NickName	Logout

View for Admin

Home	ManageProduct	Admin View (for manage user)			admin	Logout

Extension for interested students (options - extra 5 points) – implementation ranking for products. Each of login user has a possible to rate a product by selecting some of the ranking stars (for example)

Example possible view shop can looks like below:

View for the login user:

Example view for list of products.

80% Off

Super new Sneakers

~~$30.00~~ $6.00

Description

ADD TO CART

★★★★★

12% Off

Magical Earrings

~~$170.00~~ $140.00

Despite the name, these earrings won't give you magical powers – or will they? Find out for yourself!

ADD TO CART

★★★★☆

<u>Or display list of products like that</u>

BASKET / CARDS SECTION

Item		Price	Quantity	Total	
	name 1	$10.00	2	$20.00	✖
	name 9	$33.00	1	$33.00	✖
	name 7	$33.00	1	$33.00	✖
	Sum			$86.00	

<u>Details list of order list</u>.