Project Proposal
Shopcart E-Commerce Site

Group Member:

Mysha Rahman - 1330012642

Md. Mahbubur Rahman - 1331165642

Course - CSE482L

Section: 03

Title: Shopcart E-commerce Site

Overview:

Shopcart is an E-commerce site. Well what is an E-commerce site? It a marketplace on the Internet, through which we can bring a population of millions of people under a single platform, where the buyer and seller can exchange and transport good from one place to another, over networked computers. The technique of attracting customers attention, describing products, and delivering them electronically will be interest to them who wants to participate in this new market, this project explain how business transaction can be executed across a medium like the internet and discuss the method being planned and implemented - like: how you will be buying and selling in future and how it will work.

Significance:

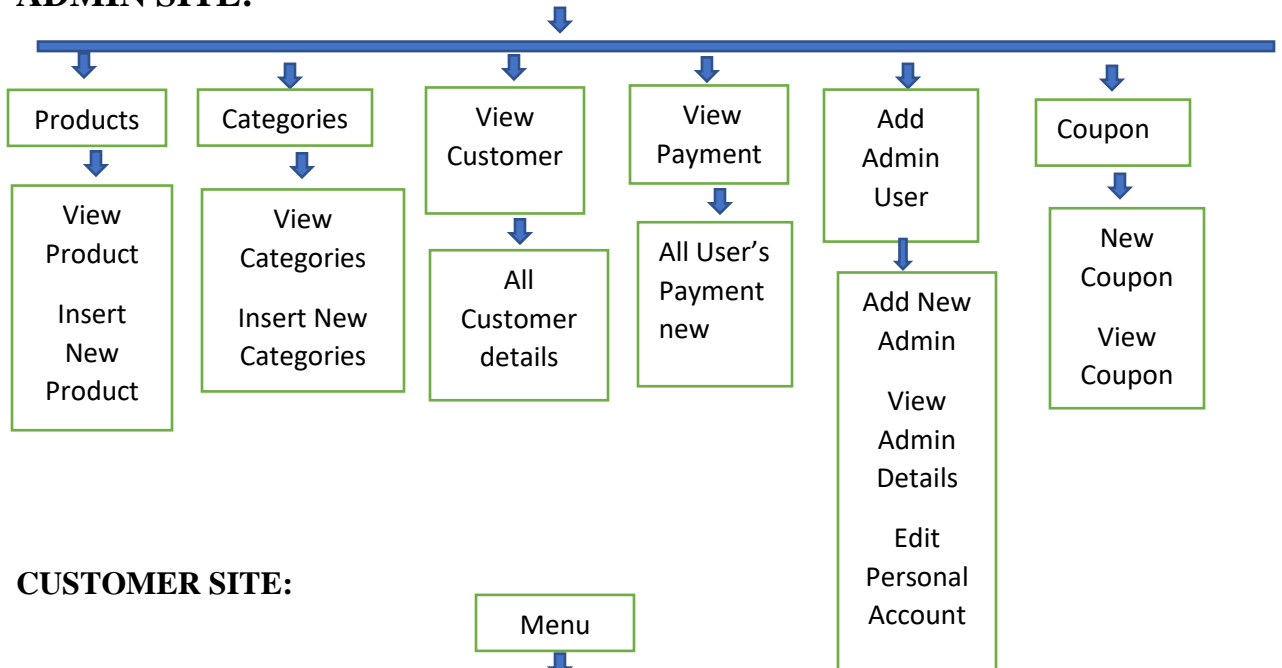E-commerce is shopping online by staying at home. The objective behind this project is:

1. To know the importance of E-commerce in today's environment.
2. Informal business to business transaction using internet. Ex: e-commerce.
3. Consumer transaction with business or another member of public, using internet e-commerce.
4. Consumers can buy from a far place without the hazard of travelling.
5. It will be beneficial for everyone especially the person with disabilities and busy parents.
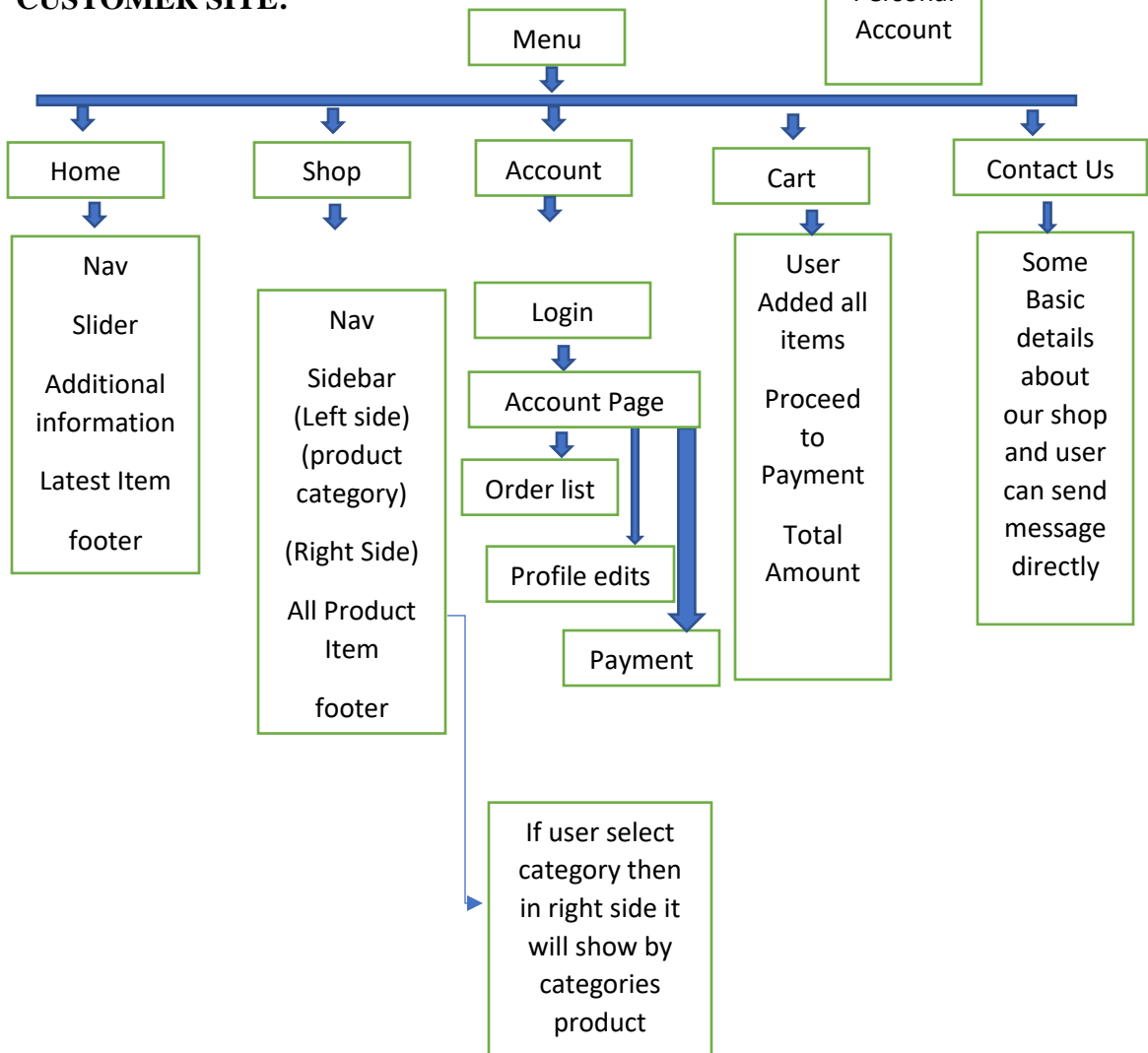
Software Specification:

HTML, CSS, jQuery, Ajax, Bootstrap, raw php, MySQL database, Json, EMMAScript, clips, node.js

Cardinal Flow

ADMIN SITE:

Products	Categories	View Customer	View Payment	Add Admin User	Coupon
View Product

Insert New Product | View Categories

Insert New Categories | All Customer details | All User's Payment new | Add New Admin

View Admin Details

Edit Personal Account | New Coupon

View Coupon |

CUSTOMER SITE:

Menu

Home	Shop	Account	Cart	Contact Us
Nav

Slider

Additional information

Latest Item

footer | Nav

Sidebar (Left side) (product category)

(Right Side)

All Product Item

footer | Login

Account Page

Order list

Profile edits

Payment | User Added all items

Proceed to Payment

Total Amount | Some Basic details about our shop and user can send message directly |

If user select category then in right side it will show by categories product

Description:

Front-End (Customer Section)

In front-end section there are some featured product shown which are clicked by users or shop by users. In shop section there are some categories of product. Normally users will choose categories and in below product will be shown by users' selectable category. User can choose by price, values, popularity, new available items and hot product which are in discount section. Users can purchase the product by adding them in cart. And they can purchase by online PayPal system. User can edit their product items number directly from the cart section and it will automatically update the price. It also offers coupons. If user have coupons they can add and price will be reduced by coupon offer. To buy a product user must have PayPal account and off-course have an account in the Shopcart e-commerce site. To shop things/register user must pass the captcha (google plugin). When the user wants some description of the product they click on that product then product details with the image will have arrived and the manufacturer-related product will be shown in the below. If one things not available it will show it is not available. If product price is reduced it will show 2 different prices. One is before price like 200 taka and it will be delete shown. But another is present price after discount. User can access specific manufacturer product by select them. It will fully responsive website and can access from mobile. There will be Android version of the product. That is make by WebView and very simple coding. In Xampp it can show by shopcart.com. Not localhost/shopcart.

Admin Panel

Everything will be customizable from admin panel. admin can edit every section. Such as there are slide section in front-end. admin can change and edit from admin panel directly. User can update, edit. With adding then link. admin can add CSS directly from the admin panel. Admin can add coupons. Coupons will be adding by many things such as direct money reduce or percentage or after specific range is cross then coupon can apply otherwise it will reject. Admin can add product from admin panel with image. The link of the product is customizable, the default section is product link is initialized directly id their product id but from admin panel it is customizable and make a permanent link from admin panel. Admin can add admin. They can edit about page and all page from the admin panel. Admin can select top product categories. Suppose this is Eid time. Admin can select the categories from the admin panel and in front-end user see the Eid items first then will see the next all items. Admin can add product manufacturer, admin can add label which are new. Admin can offer any notice and other things and also job offer. Admin can see the ordered product. He can customize the level after product and also can edit and delete product from users' request. Admin can see all the users and but cannot see the password. We will try to encrypt it. but if users give permission to decrypt it will decrypt and admin can see that specific users' password. Admin can add users. Admin can add product for users. Admin can verify the payment from admin panel. Admin can add the gateway directly from the admin panel.

Features List:

1. Coupon which will be applied to a certain product to reduce the price that is assigned in that particular coupon. It will be working as Discount.
2. Wish List: A customer can request a product he/she would like to buy from the site in the nearby future.
3. Chat: Chatting between the customer and the admin.

4. Chat Bot: User can ask any queries and the system will automatically reply the queries by understanding user's language by artificial intelligence (natural language processing). [Optional].

Performance:

SL.		Responsible	
1	Task Modules	Mahbubur Rahman	Mysha Rahman
2	Requirement Collection and Site Plan	✓	
3	Design		✓
4	Content Development	✓	
5	Database Plan		✓
6	Quality Assurance		✓
7	Hosting	✓	

Conclusion:

The Site will be responsive and full customizable that means dynamics, which will use all the feature that will discuss in lab section. Site also have and android app. User can have full good experience in responsiveness and of-course design will be simple but have more feature available. The Internet is a parallel online world where all the resources are not fully exploited and where consumers may gain advantages. Here, companies may increase their profits further and users may find the desired product or service easily without the hassle of shopping around.