



American International University- Bangladesh

CSC 3222: Web Technologies

CO1.1 and CO2.1 Evaluation

Project Report

Summer 2021-22

Project Title: Ecommerce System

Section: L

Group No: 6

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Ecommerce System

Introduction:

Everything is moving online in today's world for a variety of reasons. People are increasingly interested in purchasing their daily needs from an online marketplace. Product sellers are also interested because of how easy it is to use. Ecommerce provides businesses with a variety of benefits, ranging from marketing opportunities to expanding product lines to increasing sales, all of which can be achieved with an optimized and well-developed website that not only achieves these objectives but also provides customers with round-the-clock, convenient service, which can help grow the business.

Background Study:

There are so many online based Ecommerce websites nowadays around the world. One of the most popular Ecommerce websites is “*Amazon*”. Amazon is the largest internet retailer in the world. The company sells a variety of items, including books, music, electronics, and apparel. Amazon also offers a variety of services, including cloud computing and online streaming.

Another most popular ecommerce website is “*eBay*”. eBay is a multinational e-commerce corporation. It is a consumer-to-consumer (C2C) and business-to-consumer (B2C) online marketplace where people buy and sell a variety of goods and services. Other than that eBay is one of the oldest eCommerce websites.

Apart from all the international Ecommerce sites, “*Daraz*” is one of the top eCommerce sites in Bangladesh that most popular and oldest, selling electronics, appliances, and clothing among other things. According to popularity, this is Bangladesh’s most popular online shopping site at the moment.

In this project, we have studied several Ecommerce websites for better reference and user experience. This comes to a point for making this project at best user-friendliness and reliable.

Requirement Analysis:

1. User Category:

There are 4 types of Users here. They are:

- Admin
- Buyer
- Seller
- Manager

2. Feature List:



Ecommerce System

In this project the “Admin” has the following features:

- Can add Manger/Buyer/Seller.
- Can verify Manger/Buyer/Seller profile.
- Can modify Manger/Buyer/Seller information.
- Can delete any user.
- Can search any user/product.
- Can view information of Manger/Buyer/Seller.
- Can view product details.
- Can create category.
- Can manage inventory.
- Can manage cart.
- Can generate customer report.
- Can check payment information.

In this project the “Seller” has the following features:

- Can add/create product.
- Can view product.
- Can delete product.
- Can update product.
- Can accept order.
- Can cancel order.
- Can report buyer.
- Can assign delivery.
- Can update delivery.
- Can cancel delivery.
- Can give rating to buyers.
- Can contact admin.

In this project the “Buyer” has the following features:

- Can buy product
- Can make a payment.
- Can add online payment information.
- Can provide review etc.
- Can rate products.
- Can give feedback.



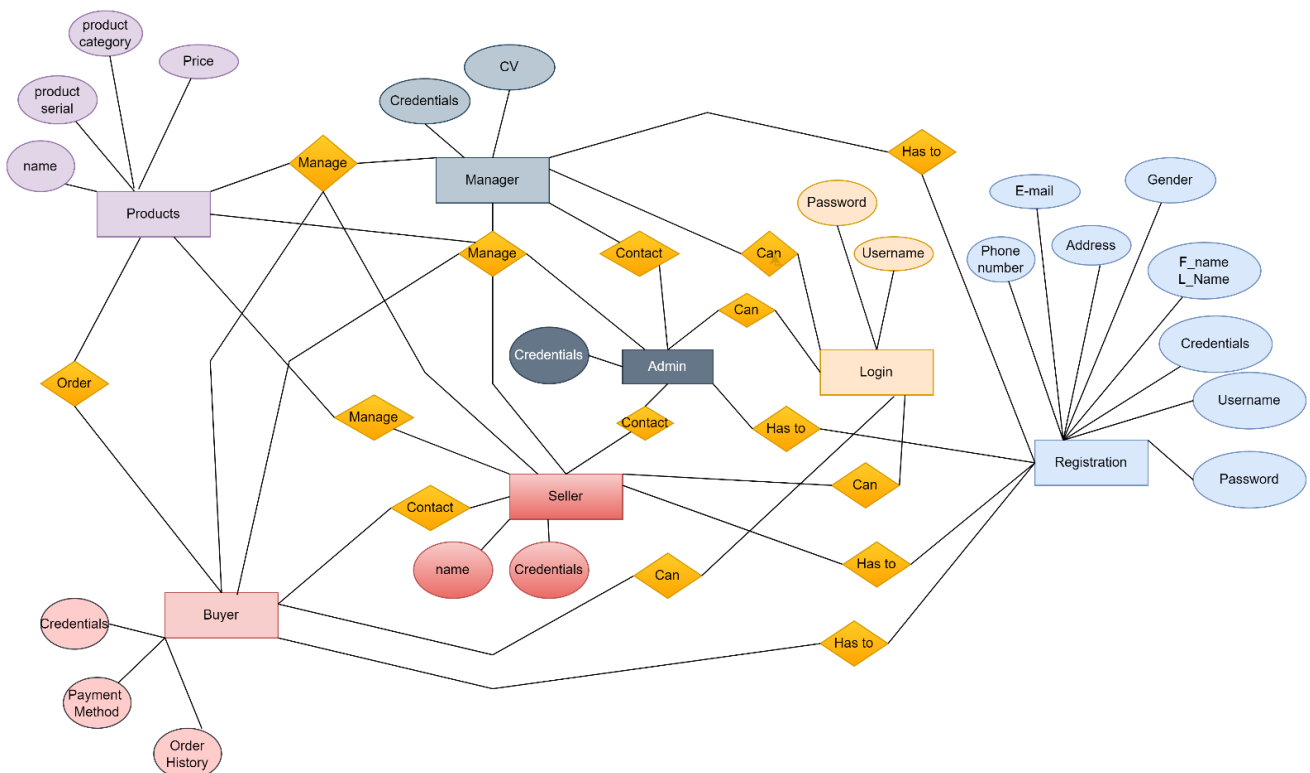
Ecommerce System

- Can rate seller.
- Can search products.
- Can return products.
- Can contact with seller.
- Can cancel order.

In this project the “Manager” has the following features:

- Can manage inventory.
- Can manage product category.
- Can search products.
- Can update products details.
- Can delete products form inventory.
- Can view product’s information.
- Can view buyer’s and seller’s information.
- Can view buyer ratings/review.
- Can check payment history of other two users.
- Can delete buyer’s and seller’s profile.
- Can contact with system admin.
- Can issue voucher.

ER Design:



Ecommerce System

Tools Used:

To develop this project, we have used the following:

- Visual Studio Code
- XAMPP Control Panel
- Chrome Web Browser

System Images against the Specification:

Admin have to make their account through a registration form.

Admin Registration Form

Personal Information

First Name:

Last Name:

Gender:

☐ Male ☐ Female

Religion:

Select ▾

Nationality:

eg. Bangladeshi

Email:

eg. name@yahoo.com

Phone Number:

eg. 01X-XXXXXXX

Date of Birth:

dd- - - - yyyy

Address:

Login Information

User Name:

User Name

Password:

Password

Confirm Password:

Confirm Password

Register

Reset

[Already have an account? Login](#)

Seller can add product by the product category.

Create Product

[Go Back](#)

Product title:

Full description:

Pricing:

Brand name:

Catagory:

☐ Clothes ☐ Smartphones ☐ Sports ☐ Books ☐ Automobile ☐ Electronics ☐ Sports ☐ Others

Media :

Choose Files

No file chosen

Save product



Ecommerce System

A list of products will be shown to the seller which they have added previously.

[Go Back](#)
[Add New Product](#)

Product Table

Product ID	Product Name	Description	Price	Brand	Catagory	Actions
1	Frezze	It will save your electriciy	25000	Walton	Electronics	View Update Delete
2	Football	Football, also called association football or soccer, is a game involving two teams of 11 players who try to maneuver the ball into the other team's goal without using their hands or arms. The team that scores more goals wins. Football is the world's most popular ball game in numbers of participants and spectators.	3000	Nike	Sports	View Update Delete
3	Facewash	Bamboo Charcoal men facewash	320	Clariss	Others	View Update Delete
4	CD	This is a gaming concole cd	200	None	Sports	View Update Delete
5	Meat(cow)	Bramhan meat	1300	NONE	Others	View Update Delete
6	Princess	Imported from ireland	30000	Solfyna	Clothes	View Update Delete
7	Body shower	Made in italy	3300	Laxy	Others	View Update Delete

Product buyers have to make a registration for account login.

Buyer Registration

Full Name	<input type="text"/>
Email	<input type="text"/>
Username	<input type="text"/>
Phone Number	<input type="text"/>
Date of Birth	<input type="text" value="dd - - - - - yyyy"/> <input type="text" value=""/>
Password	<input type="password"/>
Confirm Password	<input type="password"/>
Gender	<input type="radio"/> Male <input type="radio"/> Female

Already have an account? [Login](#)



Ecommerce System

Buyers can login through “username” and “password”.

Login

Username

Password

[Don't Have an Account? Register now!](#)

Manager have to register with proper credentials along with a CV.

Manager Registration Form

Personal Information

First Name :

Last Name :

Age :

Gender : ☐ Male ☐ Female ☐ Other ☐

Date of birth :

Phone :

Marriage status : ☐ Married ☐ Unmarried ☐

Religion :

Previous job experience : ☐ 1-2 ☐ 2-3 ☐ More than 3 years

Email :

Present Address :

Permanent Address :

Please upload your CV : No file chosen

Login Information

User Name :

Password :

Confirm Password :

☐ I have read and accept the [Terms of service & Privacy Policy](#)

[Already have an account? Login](#)



Ecommerce System

Manager have to check and agree with “Terms of service” and “Privacy Policy” of the website for registration.

Terms of service

To access certain services offered by the platform, we may require that you create an account with us or provide personal information to complete the creation of an account. We may at any time in our sole and absolute discretion, invalidate the username and/or password without giving any reason or prior notice and shall not be liable or responsible for any losses suffered by, caused by, arising out of, in connection with or by reason of such request or invalidation. You are responsible for maintaining the confidentiality of your user identification, password, account details and related private information. You agree to accept this responsibility and ensure your account and its related details are maintained securely at all times and all necessary steps are taken to prevent misuse of your account. You should inform us immediately if you have any reason to believe that your password has become known to anyone else, or if the password is being, or is likely to be, used in an unauthorized manner. You agree and acknowledge that any use of the Site and related services offered and/or any access to private information, data or communications using your account and password shall be deemed to be either performed by you or authorized by you as the case may be. You agree to be bound by any access of the Site and/or use of any services offered by the Site (whether such access or use are authorized by you or not). You agree that we shall be entitled (but not obliged) to act upon, rely on or hold you solely responsible and liable in respect thereof as if the same were carried out or transmitted by you. You further agree and acknowledge that you shall be bound by and agree to fully indemnify us against any and all losses arising from the use of or access to the Site through your account. Please ensure that the details you provide us with are correct and complete at all times. You are obligated to update details about your account in real time by accessing your account online. For pieces of information you are not able to update by accessing Your Account on the Site, you must inform us via our customer service communication channels to assist you with these changes. We reserve the right to refuse access to the Site, terminate accounts, remove or edit content at any time without prior notice to you. We may at any time in our sole and absolute discretion, request that you update your Personal Data or forthwith invalidate the account or related details without giving any reason or prior notice and shall not be liable or responsible for any losses suffered by or caused by you or arising out of or in connection with or by reason of such request or invalidation. You hereby agree to change your password from time to time and to keep your account secure and also shall be responsible for the confidentiality of your account and liable for any disclosure or use (whether such use is authorized or not) of the username and/or password.

[Back to registration page](#)

Impact of this Project:

This Ecommerce project allows customers to choose a product or service they want, from any supplier and the freedom to browse without any stress or hurry is priceless. One can also get a big variety of products since there is no space limitation with Ecommerce. The traditional store has boundaries that allow it to offer only a limited quantity of goods. Due to bad weather, economic and health situations, or any other reason, many people cannot go shopping. A great showcase is a Covid-19 pandemic when stores were closed for months. This project is convenient for buying goods or services without creating physical limitations. It requires just a few clicks from the comfort of home to gain the merchandise. Furthermore, product sellers can sell their goods at a great deal. It will also create a large number of job openings for the unemployed.

Limitations and Possible Future Improvements:

This system is designed only for four category users. Also, some particular products are being shown for this project. Although buyers can choose from a much higher number of products online than offline, it does not necessarily mean that the online product is actually in stock. If it isn't, customers have to wait for a few days.



Ecommerce System

CO1.1 and CO2.1 Evaluation: Project Report Evaluation					
Project Proposal (5)	Background Study (5)	Requirement Analysis (5)	Entity Diagram (5)	System Images against the Specification (5)	Total (25)

