



*Green University of Bangladesh*

*Department of Computer Science and Engineering (CSE)  
Semester: (Spring, Year: 2023), B.Sc. in CSE (Day)*

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## **Online shop management system(Gift card Shop)**

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*Course Title: Web Programming Lab  
Course Code: CSE 302  
Section: 212 D5*

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[For teachers use only: **Don't write anything inside this box**]

<u>Lab Project Status</u>	
<b>Marks:</b>	<b>Signature:</b>
<b>Comments:</b>	<b>Date:</b>

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# Chapter 1

## Introduction

### 1.1 Overview

The Online Gift Card Shop project is an e-commerce platform. The project aims to provide a comprehensive and user-friendly online shopping experience for customers looking to purchase gift cards for various occasions. The platform will offer a wide selection of gift cards from popular brands, retailers, and services, allowing customers to conveniently browse, personalize, purchase, and send gift cards to their intended recipients and getting subscription of different online platforms. This project also assists people to buy daily lifestyle products and gadgets. This project deals with developing an e-commerce website for online different types of gift cards and subscription and gadgets. It provides the user with a catalog of different types of gift cards and subscription available for purchase in the store. The project has a user panel and an admin panel. From the admin panel, the admin manages the orders. The platform will incorporate user registration and authentication functionality to allow customers to create accounts, log in securely. A shopping cart system will be implemented, allowing customers to add multiple gift cards to their cart, modify quantities, and proceed to a secure checkout process. Overall, the Online Gift Card Shop project will provide students with hands-on experience in web programming, e-commerce development, and integrating various functionalities required for an online shopping platform.

### 1.2 Design Goals/Objectives

- to create an intuitive and easy-to-use interface, ensuring that visitors can effortlessly navigate through the website
- to curate a diverse range of gift cards from various brands, retailers, and services to cater to different tastes and preferences
- to streamline the purchasing process, ensuring that customers can easily select gift cards, specify the desired value or denomination, provide recipient details, and complete the transaction securely.

- to provide excellent customer support and assistance throughout the gift card shopping process

## **1.3 Application**

- The Online Gift Card Shop serves as an additional revenue stream for e-commerce businesses.
- The Online Gift Card Shop is particularly useful for last-minute gifting situations. Users can quickly select and send digital gift cards via email or mobile messaging, ensuring that the recipient receives their gift instantly.
- For businesses, the Online Gift Card Shop serves as a marketing tool to promote their brand and engage with customers. By collaborating with popular brands and offering their gift cards, businesses can increase their visibility, attract new customers, and strengthen brand loyalty.
- The project generates revenue through the sale of gift cards. Businesses can earn a profit margin on each gift card sold, making it a lucrative venture.
- The Online Gift Card Shop can collect valuable data on customer preferences, purchasing patterns, and popular gift card choices. Businesses can leverage this data to gain insights into customer behavior, optimize their product offerings, and tailor marketing strategies to target specific customer segments.

# Chapter 2

## Design/Development/Implementation of the Project

### 2.1 Project Details

The Online Gift Card Shop is an e-commerce platform that allows users to browse, customize, purchase, and send gift cards for various occasions. The platform offers a wide selection of gift cards from popular brands, retailers, and services. It aims to provide a user-friendly and personalized shopping experience, catering to the needs of both buyers and recipients. Key features of the project are :

- User registration and authentication for personalized user experiences.
- Gift card catalog with search, filtering, and detailed card information.
- Shopping cart functionality for adding, modifying, and reviewing gift card selections.
- Secure checkout process with multiple payment options and order confirmation.
- Admin panel for managing gift card inventory, orders, and customer support.

Technologies used in this project is:

- Front-end: HTML, CSS, JavaScript
- Back-end: Php
- Database: MySQL

Overall, the Online Gift Card Shop project will provide students with hands-on experience in web programming, e-commerce development, and integrating various functionalities required for an online shopping platform.

## 2.2 Implementation

The implementation of codes in this project is huge. here we have shown some specific parts of the code:

code of gift card part:

```
<div class="tab-pane" id="GiftCard"> <div class="product-slider"> <div class="owl-
carousel home-owl-carousel custom-carousel owl-theme"> <?php ret = mysqli_query(con,"select
* from products where category=11"); while (row = mysqli_fetch_array(ret)) code...
?>

<div class="item item-carousel"> <div class="products">

    <div class="product"> <div class="product-image"> <div class="image"> <a href="product-
details.php?pid=?php echo htmlentities(row['id']);? > >  <?php
echo htmlentities(row['productImage1']);? > "width="180"height="300"alt="" > <
/a > </div > <!-- .image -- >

    </div> <!-- .product-image -->

    <div class="product-info text-left"> <h3 class="name"> <a href="product-details.php?pid=?php
echo htmlentities(row['id']);? > > <?php echo htmlentities(row['productName']);?> </a> </h3>
<div class="rating rateit-small"> </div> <div class="description"> </div>

    <div class="product-price"> <span class="price"> BDT. <?php echo htmlentities(row['productPrice'])
/ > <span class="price-before-discount"> BDT. <?php echo htmlentities(row['productPriceBeforeDiscount'])
/ > </span> </div> <!-- .product-price -->

    </div> <!-- .product-info --> <?php if(row['productAvailability']=='InStock')? > <div class="action
?>" class="lnk btn btn-primary">Add to Cart</div> <?php else ?> <div class="action"
style="color:red">Out of Stock</div> <?php ?> </div> <!-- .product -->

</div> <!-- .products --> </div> <!-- .item --> <?php ?>

</div> <!-- .home-owl-carousel --> </div> <!-- .product-slider --> </div>
```

And here is the connection part:

```
<?php
define('DB_SERVER','localhost');
define('DB_USER','root');
define('DB_PASS','');
define('DB_NAME','mmecom');
con = mysqli_connect(DB_SERVER,DB_USER,DB_PASS,DB_NAME);
//Check connection
if(mysqli_connect_errno())
echo "Failed to connect to MySQL : " . mysqli_connect_error();
? >
```

# Chapter 3

## Performance Evaluation

### 3.1 Results

Here the result of the project is shown

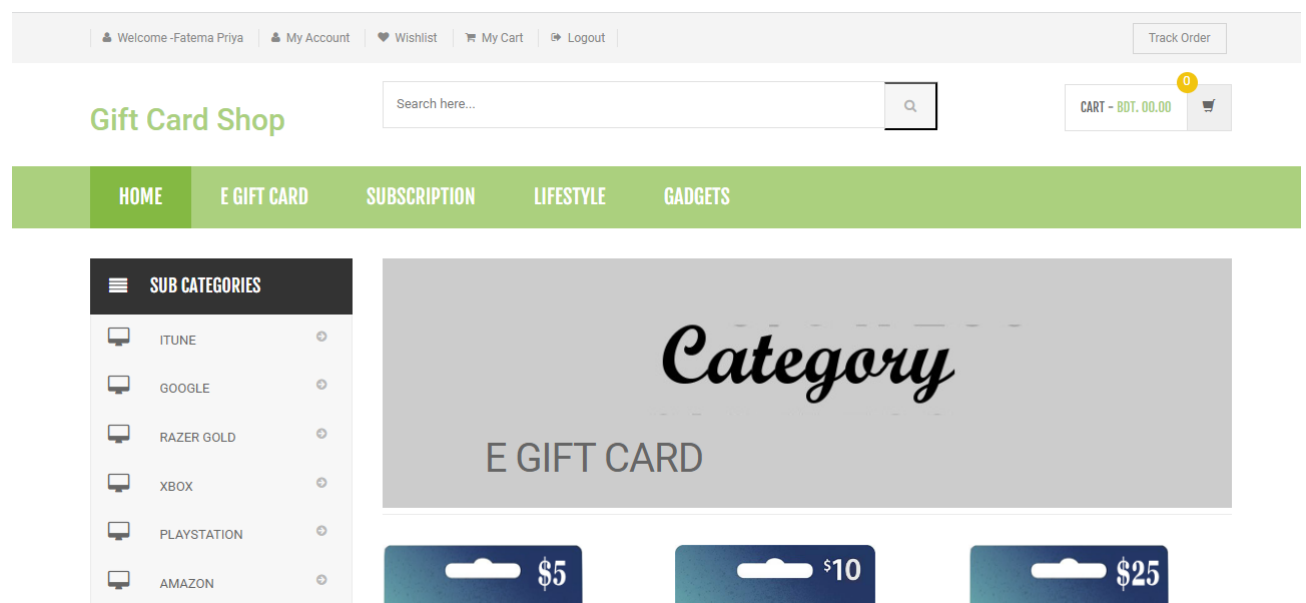


Figure 3.1: Welcome Page

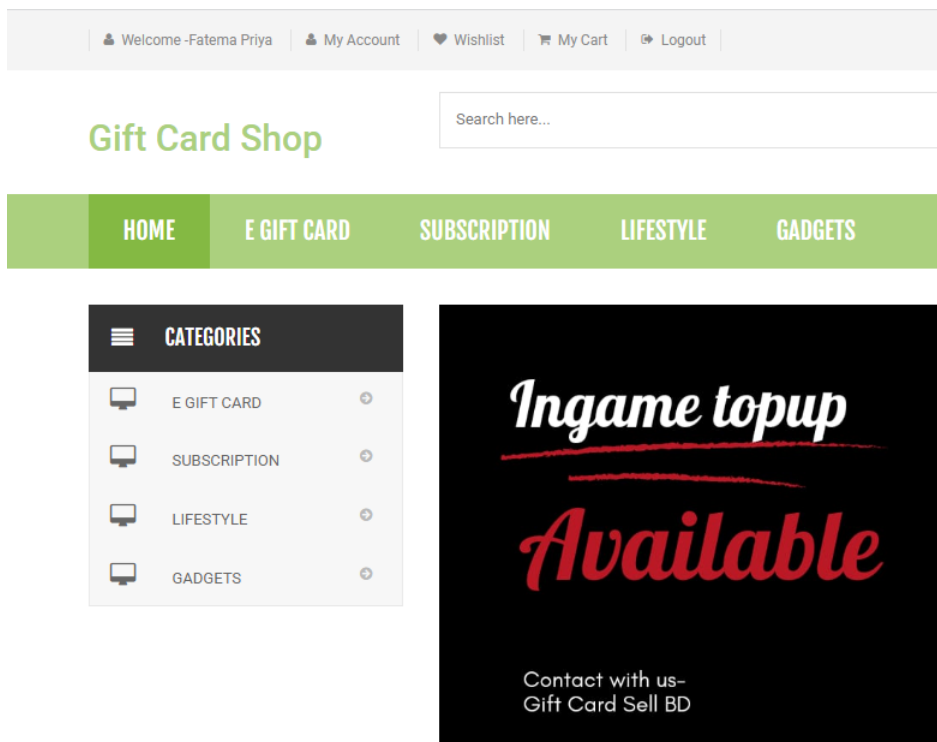


Figure 3.2: catagory option

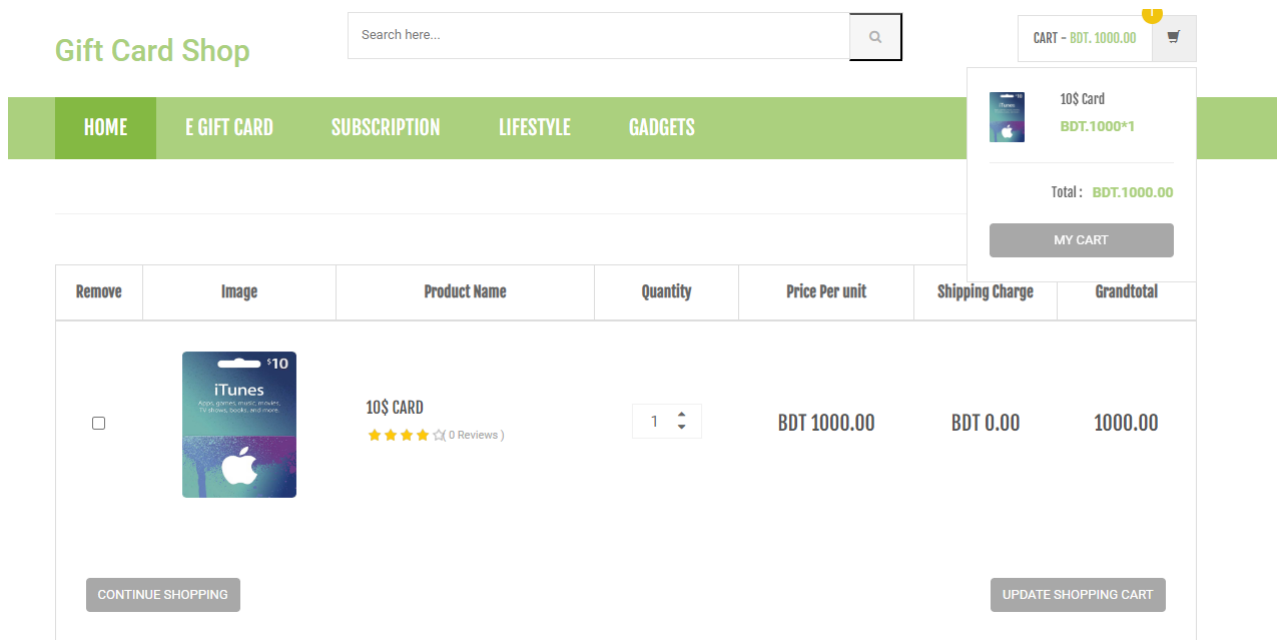


Figure 3.3: Cart



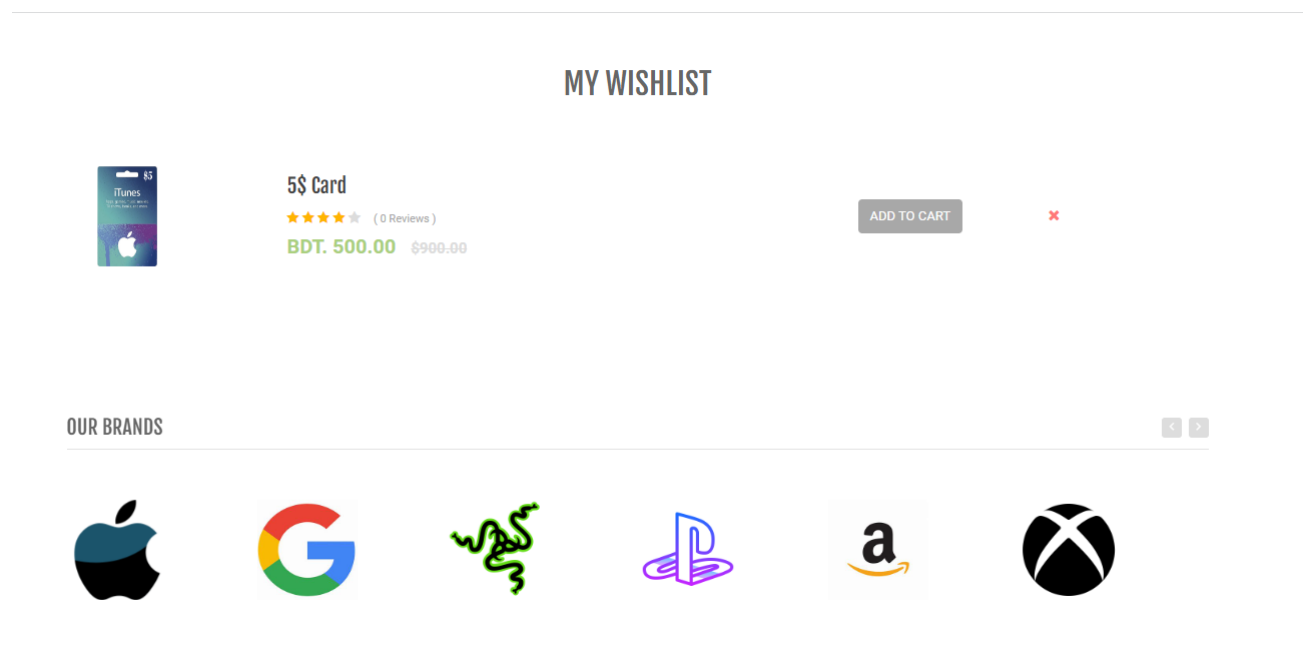


Figure 3.4: Wishlist

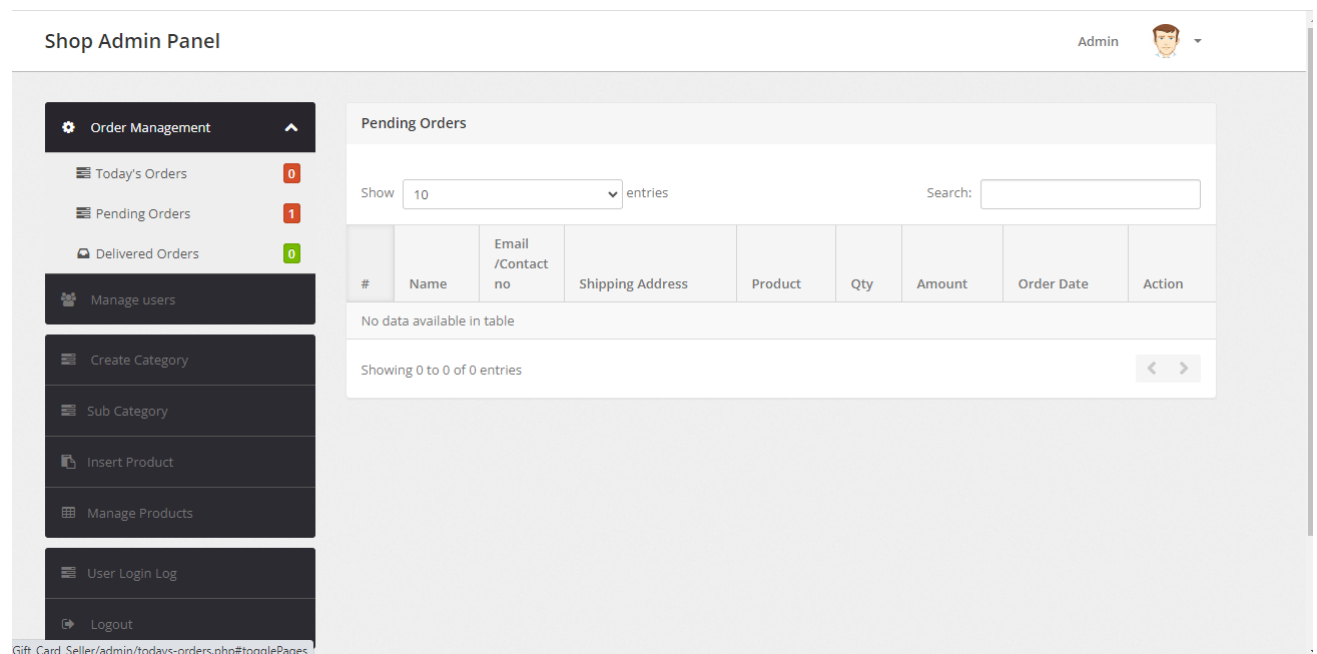


Figure 3.5: Admin Panel

Shop Admin Panel
Admin

Order Management
Manage users

Create Category
Sub Category

Insert Product
Manage Products

User Login Log
Logout

Insert Product

CategorySelect Category

Sub Category

Product NameEnter Product Name

Product CompanyEnter Product Comapny Name

Product Price Before DiscountEnter Product Price

Product Price After Discount(Selling Price)Enter Product Price







Product Description

B
I
U
List
Link
Image
Font Size
Font Family

Font Format

Figure 3.6: product Insertion

OUR BRANDS

Gift Card Shop

Gift card shop is a online store. In this store you can purcess any kind of gift cand and any kind of ott subscriptions.

f
t
in
ig
p

OPENING TIME

Monday-Friday:	08.00 To 18.00
Saturday:	09.00 To 20.00
Sunday:	10.00 To 20.00

CONTACT INFO

Mobile

+880 1823761240  
+880 1608268360

admin@gcs.com.bd

Figure 3.7: Footer

# Chapter 4

## Conclusion

### 4.1 Discussion

The Gift Card Shop project focuses on creating an e-commerce platform for purchasing gift cards, catering to various occasions and preferences. It aims to provide a user-friendly interface with easy navigation and a wide selection of gift cards from popular brands, retailers, and services. The platform ensures secure online transactions by integrating with trusted payment gateways, providing a safe shopping experience. The platform ensures secure online transactions by integrating with trusted payment gateways, providing a safe shopping experience.

### 4.2 Limitations

- The project primarily focuses on digital and virtual gift cards, which may limit the availability of physical gift options
- The availability of gift cards from certain brands or retailers depends on partnerships and agreements. It may not be feasible to include every brand or retailer desired by customers, especially if they have strict requirements or limitations on their gift card distribution.
- The availability of gift cards and delivery options may be restricted to specific regions or countries. Some gift cards may only be valid within certain geographic areas, limiting the target audience and potential customer base.

### 4.3 Scope of Future Work

- The project can expand its offerings by collaborating with additional brands, retailers, and service providers. By continuously expanding the gift card selection, the platform can cater to a broader range of customer preferences and increase its appeal.

- The project can explore opportunities to expand its reach to international markets. By partnering with global brands and incorporating multi-currency support, the platform can attract customers from around the world, broadening its customer base and revenue potential.
- Integrating social media platforms and allowing users to share or send gift cards directly through social channels can enhance the viral nature of the project.
- Developing a dedicated mobile application for the Online Gift Card Shop can further enhance the user experience and accessibility.
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# References

1. <https://www.w3schools.com/>