

**DESIGN AND DEVELOPMENT OF AN ECOMERCE SITE NAMED  
“PHOTO GALLERY”**



**DAFFODIL INTERNATIONAL UNIVERSITY  
DHAKA, BANGLADESH  
DECEMBER 2019**

**DESIGN AND DEVELOPMENT OF AN ECOMERCE SITE NAMED  
“PHOTO GALLERY”**

**BY**

**Md. Walid Bin Said  
ID: 153-15-616**

This Report Presented in Partial Fulfillment of the Requirements for the  
Degree of Bachelor of Science in Computer Science and Engineering

Supervised By

**Nadira Anjum Nipa**  
Lecturer  
Department of CSE  
Daffodil International University



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## DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Nadira Anjum Nipa, Lecturer, Department of CSE Daffodil International University**. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree.

**Supervised by:**



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**Nadira Anjum Nipa**  
Lecturer  
Department of Computer Science and Engineering  
Daffodil International University

**Submitted by:**



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**(Md. Walid Bin Said)**  
ID: 153-15-616  
Department of Computer Science and Engineering  
Daffodil International University

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I would like to thank our entire course mate in Daffodil International University, who took part in this discuss while completing the course work. At last, I should recognize with due regard the steady help and patients of my parents.

## **ABSTRACT**

The project which is created by me is called the “Photo Gallery”. This can be the ideal and best option for those people who are interested in photos or want to explore photos. My system will be helpful for photographer, artist and also who want to make a business with photos. Here, a user can post a photo for selling purposes also user can buy photos. Only admin can controlled all post of photos like, post approve, post delete. User have to pay by local payment like Bkash, Rocket etc. That’s why this site will be popular on Bangladesh. Though the conceptual fact represents an e-commerce website, the main reason why people will visit my website is the simple UX/UI design and a user-friendly platform for every user who wishes to explore photos.

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# Chapter 1

## Introduction

### 1.1 Introduction

In Digital Bangladesh, there are too many Buy and Sell Ecommerce Sites. But there are no Ecommerce Sites specifically for photos. Many peoples need unique photo for their website design, decorate their house, makes new cover for books, for calendar etc. Some time Bangladeshi people can't buy photos from foreign sites, because they have not that websites required card or payment system.

Here, people can see all photos of site. Then if they need ,they have to register here. And they can also buy those photos by local money transaction system like, Bkash / Rocket etc .

### 1.2 Motivation

The ecommerce site is now popular in Bangladesh. But people can't find any Photo ecommerce site. Sometime people need a copy right free photo for their website or some time some people need photo to decorate wall as a wallpaper. People find many photos on foreign website, but when they try to buy this photo they realize they have no paypal or mastercard to buy this photo. As we know paypal is illegal in our county. In online there are so many photo related ecommerce site, from those site peoples makes money a lot, not just they makes money also they gain many followers. So, I was thinking if I make a ecommerce site only for Photos and add some local payment systems then it will be easy for our people and they will be make their own carrier in here.

## 1.3 Objectives

### 1.3.1 Improve User Satisfaction

My first objective is to give users the privilege to feel that they have satisfied over their needed Photos in my system. By providing useful category and local transaction system, intended to make the user happy about service. Satisfied users to bring more users to use this service.

### 1.3.2 User Experiences

Main goal of my website is user friendly and easy to control. User can upload photos and sell it. Also they can support others to buy photos.

## 1.4 Expected Outcome

After passing the maximum part of feasibility case study, I'm in a stage that I could imagine in my system,

**User Sign Up:** The user will be sign up with a valid email address, because my system will be send a verification link to verify email. It's a easy process to register. After register user will be able to buy or sell photos.

**Create post:** Registered user can only post a photo for selling.

**Payment system:** Users have to pay to buy and download a photo.

**Delete post:** user can delete their post.

**Post view:** Registered or non-registered user can see all photos.

**Admin:** Admin can approve, active, inactive or delete post . only admin can create new category .

## **1.5 Report Layout**

Firstly, In the Introduction chapter, I explained about the objective of the project, motivation to work with the expected outcome in chapter 1. Secondly, I explained about the background circumstance of our projects. Also discuss the related work, compared to other candidate systems, the scope and challenges of this system in chapter 2. Thirdly, kinds of requirements like business model, the requirement collection and analysis, web programming, use case model, relational database and design requirements defined in Requirements Specification chapter 3. Fourthly, in design chapter 4 describes the design of my project visual view. In chapter 5, I discuss the implementation of the database, interaction and test result of this project. Finally, in the sixth, the conclusion and future scope will discuss in conclusion chapter 6.

## **Chapter 2**

### **Background**

#### **2.1 Introduction:**

In this chapter, I will try to give an overall idea about –“ **Design and Development Of An Ecommerce Site Named “PHOTO GALLERY”**”. Here I have discussed about Photo Gallery system website. To develop such a system, a huge quantity of knowledge is required to predict and discover all the expectations that may occur. Photo gallery system gives you to opportunity to sell and buy photos, and your payment will be local payment system.

#### **2.2 Related works:**

I have not found any ecommerce site specifically for photos in Bangladesh. But there are available foreign site for photos.

##### **2.2.1 sell-p:**

This is a Bangladeshi website. its provide you to photo print service. They did not sell photos or they didn't allow users to sell any photos.

##### **2.2.2 istockphoto:**

iStock is an online royalty free, international micro stock photography provider based in Calgary, Alberta, Canada. The firm offers millions of photos, illustrations, clip art, videos and audio tracks. Images cost between 1 and 3 credits, with the price of credits ranging

from \$10.00 to \$0.22 depending on volume purchased and subscription plan.[1] Artists, designers and photographers worldwide contribute their work to iStock collections in return for royalties. Nearly half a million new photos, illustrations, videos and audio files, are added each month.

### **2.2.3 Adobe Stock:**

Adobe Stock (formerly Fotolia) is a stock market place for photographic image processors, including Photoshop and Lightroom, of most common photo editing software solutions. This website is the first online marketplace to sell images and has been around for over ten years. Adobe Stock is the royalty share which you most want, and which is higher than other online shops.

### **2.2.4 Shutterstock:**

For over 15 years Shutterstock has been a popular online shopping site. We have more than 200 million free royalty images, videos and music tracks, meaning that they also have millions of customers. As an artist, with this marketplace you will raise huge money long-term. Shutterstock sellers have earned more than \$500 million worldwide, according to their website.

### **2.2.5 Alamy:**

Alamy is another a great platform on which to sell stock photos, because it doesn't have any hard and fast rules. The site may not have as many buyers as Shutterstock and Adobe Stock, but it's still a great contender and another great option for revenue. Photographers can upload their photos to Alamy without licensing or any other copyrights issues. To date, Alamy has made \$180 million in payouts to photographers.

## **2.3 Comparative Studies:**

### **2.3.1 sell-p website:**

#### **Advantage:**

1. They print your photo and delivery to your home.
2. They also provide Photo frame

#### **Disadvantage:**

1. They did not allow to sell photo.

### **2.3.2 istockphoto website:**

#### **Advantage:**

1. They allow to sell and buy to user.
2. They have big amount of photo collection.

#### **Disadvantage:**

1. They have no local payment method for Bangladeshi people

### **2.3.3 Adobe Stock:**

#### **Advantage:**

1. Millions of images access quickly
2. Find inspiration without disrupting workflows.
3. Use efficient search to find what you need fast .

**Disadvantage:**

1. They have no local payment method for Bangladeshi people.
2. A lot of rivalry makes it difficult to attract attention.
3. Audio submissions are not allowed.

**2.3.4 Shutterstock:****Advantage:**

1. By far the famous paying image website, if your work is good, some will probably find it. If your work is good.
2. It isn't very complicated to get started.
3. Trusted and hired by experts.

**Disadvantage:**

1. They have no local payment method for Bangladeshi people.
2. You have no brand name or the way your pictures are published, so as an artist no one is going to discover.

**2.3.5 Alamy:****Advantage:**

1. Alamy takes a smaller cut so that photographers can actually earn up to 50% on all sales.
2. While Alamy may not be famous with others, it has a reputation and has paid more than \$100 million to its contributing photographers.

**Disadvantage:**

1. They have no local payment method for Bangladeshi people.
2. The Alamy platform does not have much of a community aspect.
3. Creating a profile you can share with those who want to see your work is not something that can really be done.



## **2.4 Scope of the problem**

User can sell photos with over prize.in my website there are no search option to find photo so user have to check photo page by page or category wise.

To make the project, need to work with the following factors related to the scope of the problem phases.

### **2.4.1 List of Actors**

#### **2.4.1.1 Admin:**

In my system, admin can create or add categories, can approve post or delete post.

#### **2.4.1.1 User:**

User can create post, edit post, buy photo. Also can control his/her post activity.

### **2.4.2 Actors viewpoint**

Different stakeholders perform different actions. Assumption area unit is given below;

Stakeholders read purpose

1. User friendly and economical system
2. Error free system
3. Spare privileges
4. Specify the wants greatly clearly

## **2.5 Challenges**

I faced bundle of problems. This project developing is not easy for me. I was not professional when I started this project. Most important and annoying problem I faced, is the database designing problem .

I faced some logical problem to implement post a photo and download a photo.

## Chapter 3

### Requirement Specification

#### 3.1 Business Process Modeling

A life cycle model of software (also known as a process model) is a pictorial and diagrammatic representation of the life cycle of software. A model of a life cycle represents all the methods necessary to transit a software product through its life cycle stages. It also catches the mechanism to implement these methods.

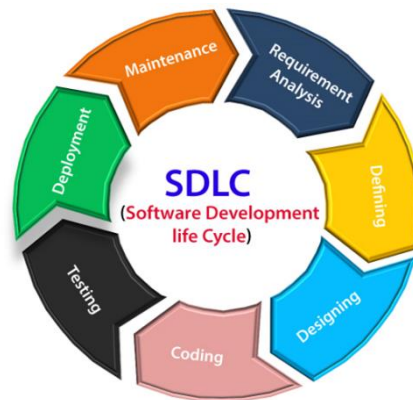


Figure 3.1.1 Software cycle

In other words, from the start to the retirement, a life-cycle model charts the various activities carried out on a software product. The requisite design tasks can be organized in different ways by different life cycle models. Therefore, no item which is followed by the model of the life cycle is the essential activities contained in every model of the life cycle, although it can be carried out in different orders of the life cycle. More than one operation can also be done during any stage of the life cycle.

## **3.2 Requirement Collection and Analysis**

For generalizing my system, Here is some technical requirement of my project.

### **3.2.1 Server Requirement**

Windows Operating System, PHP version 7.2, MySQL database

### **3.2.2 Operating System**

#### **Windows**

Windows 10 is a progression of Microsoft's PC working framework as an important element in its working framework for Windows NT. The business was discharged for assembly on 15 July and is the successor to Windows 8.1 and was thoroughly discharged on 29 July 2015 for retail contract. In the absence of any additional work for Windows 10 that is open to Windows Insiders, Windows 10 is expanded in a continuous premise and can be accessed at no additional cost. Adaptation 1909 (November 2019 Update) is the most recent stable form of Windows 10.

#### **Linux**

Linux is the most widely used and well known work framework for open source. As a working framework, Linux is programming on a PC which accepts solicitations from such projects, which is included under the entirety of other programming and transfers such applications to the PC.

## **Web Server**

A PC operating sites is a web server. It is a PC program that makes the site pages as ordered suitable. The web server's primary goal is to store, process and transmit customer site pages. The Hypertext Move Convention (HTTP) is complete for this intercommunication. Most of these website pages are static and include HTML reports, images, templates, tests etc. Apart from HTTP, a web server often boosting the convention for communicating, moving text, and power, both SMTP (Basic Mail Movement Convention) and FTP (Record Moving Convention).

### **3.2.3 Web Programming**

#### **PHP**

Preprocessor Hypertext (or simply PHP) is a widely useful Web-enhancing programming language. Rasmus Lerdorf was first rendered in 1994; The PHP Gathering is currently in charge of the PHP comparison execution. PHP originally was a Person Landing site, but currently the recurring initialism of PHP is represented: the Hypertext Preprocessor.

#### **Laravel**

Laravel is a free, open-source PHP web structure created for the web applications designed and dependent on Symfony and planned by Taylor Otwell. Part of Laravel's highlights is a special bundling framework with a dedicated dependency director. There are various ways to access social bases.

#### **Java Script**

Initially, JavaScript has been designed to "make web pages alive." The program is called scripts in this language. They can be written directly into the HTML of a web page and executed automatically by the loading of the page. JavaScript is very different from another language, called Java. You don't need special planning or compilation to run.

## **MySQL**

MySQL is an executive system (RDBMS) open-source shared server. The title is a combination of "My" and "SQL, a short-form for Organized Inquiry Language" by the name of fellow benefactor Michael Widenius ' child. MySQL is an open source community database, openly available. The RDBMS is the most prevalent language for the incorporation and control of information in databases, using the Organized Question Language (SQL). It is generally known for its rapid preparation, constant quality, simplicity and usability. MySQL is an essential part of almost every PHP application open source.

### 3.3 Use Case Modeling and Description

UML use case diagram can be used to describe the functionality or process of a system in a horizontal way and representing the details of individual features of a system.

#### 3.3.1 Use Case Model

UML case diagram is the primary system / software requirement form for a new underdeveloped software program. The expected behavior (what) is specified in cases used and not how exactly it will be done (how). The textual and visual representation (i.e. using case diagram) of uses when defined can be denoted. One important concept of case modeling is that it allows us to design a system from within a moment.

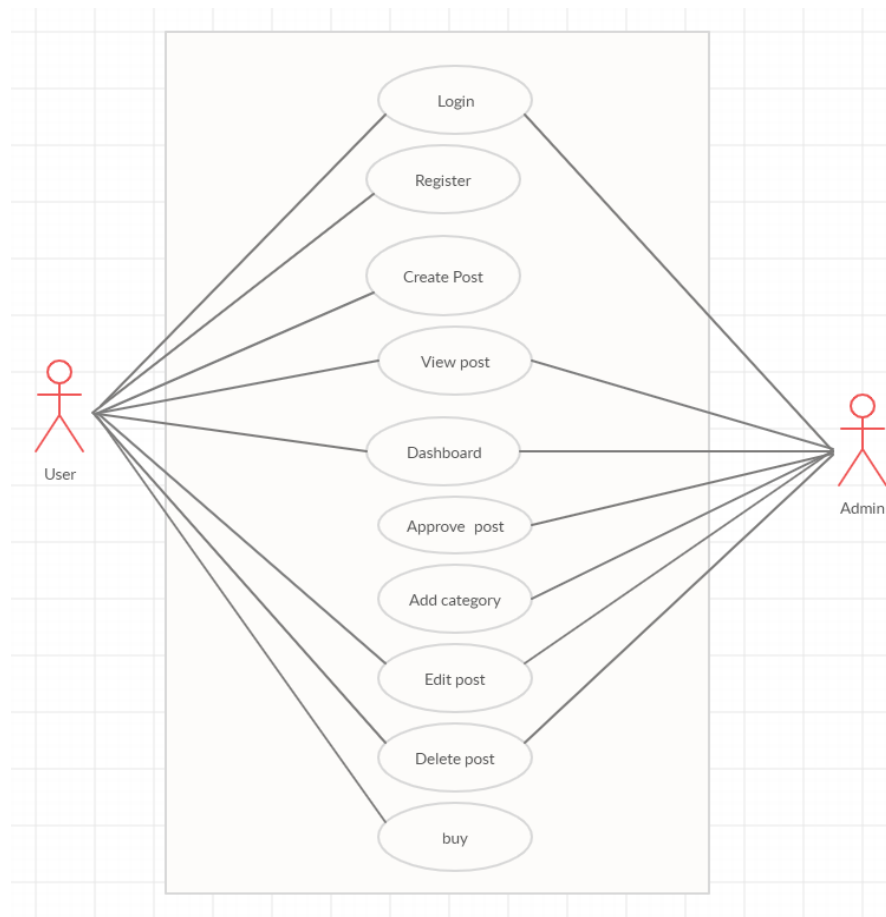


Figure 3.3.1.1 Use case model for admin and user

### 3.4 Logical Data Model

A coherent information model or sparsely built outline is an information model that is freely distributed from a particular board element or resource creation repository (physical information model) to knowledge structures such as social tables and parts, object categories, or XML tags. This is a data system that reflects the language of an entity without regard to creativity rather than a measured model.

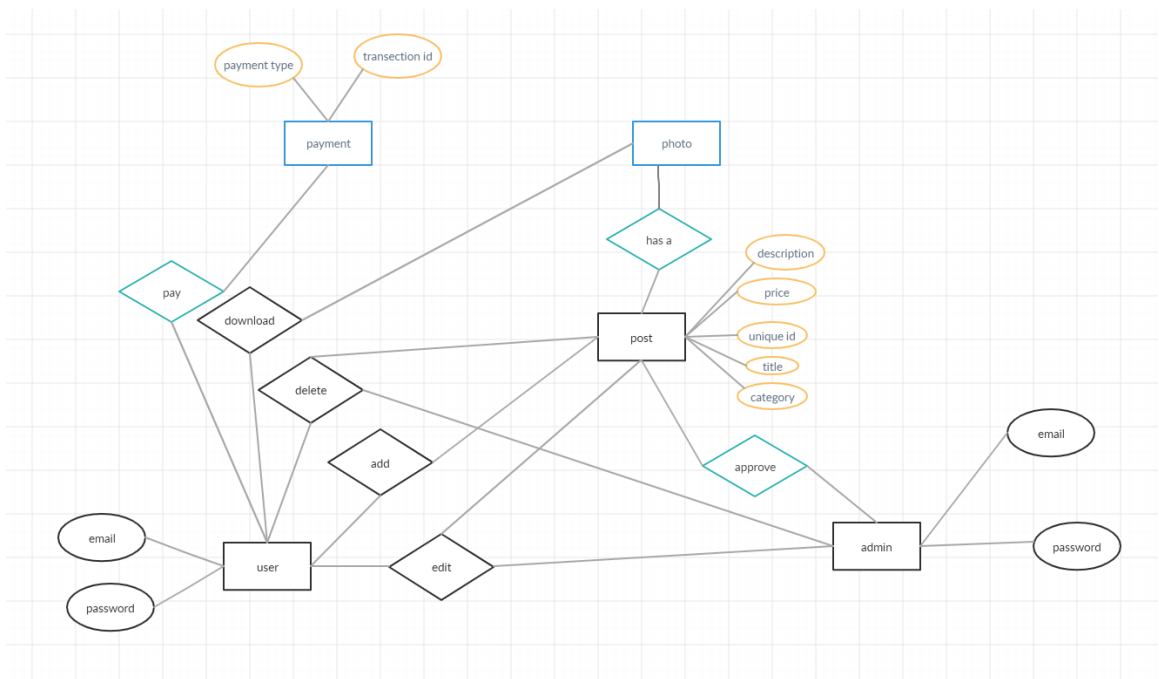


Figure 3.4.1 Entity relationship model



### **3.5 Design Requirements**

Design Requirements means how friendly my system to any user and how to easily implement this design to the user view or front-end. While developing my system I have kept in mind reach my goals with the designing system following criteria;

1. Make the system flexible and simple for users
2. Make the system compatible
3. Efficiency
4. Easy to access
5. Optimize site performance
6. Security is essential

## **Chapter 4**

### **Design Specification**

#### **4.1 Front–end-Design**

Front-end design is that design of the front side of my system that can be viewed by a general customer and vendor.

#### **HTML**

- **Basic HTML**  
All kinds of HTML5 Tags, Element, Attributes, Headings, Line Breakes, Lists, Fonts, Image Tables, Media.
- **HTML Forms**  
Checkbox, Text fields, radio Button, input and Text area etc.
- **HTML5**  
Header, Footer, DOCTYPE, Canvas, etc.

#### **CSS**

- SASS/SCSS
- Temple Design Using CSS div
- Advance CSS (box, layer, inline, Border-radius, float, position gradient)
- Basic CSS(Selector, class, external, inline, id, background, font, margin, list css, color)

#### **Bootstrap**

- Bootstrap's responsive CSS adjusts to phones, tablets, and desktops
- Mobile-first styles are part of the framework
- Bootstrap is compatible with all modern browsers (Chrome, Firefox, Internet Explorer, Safari, and Opera)

## 4.1.1 User/Guest Home page

This is my Photo Gallery websites Home page. Here, registered user and unregistered user can see all of photos. They also can see photos by select specific category. The Figure 4.1.1.1 shows Home page.

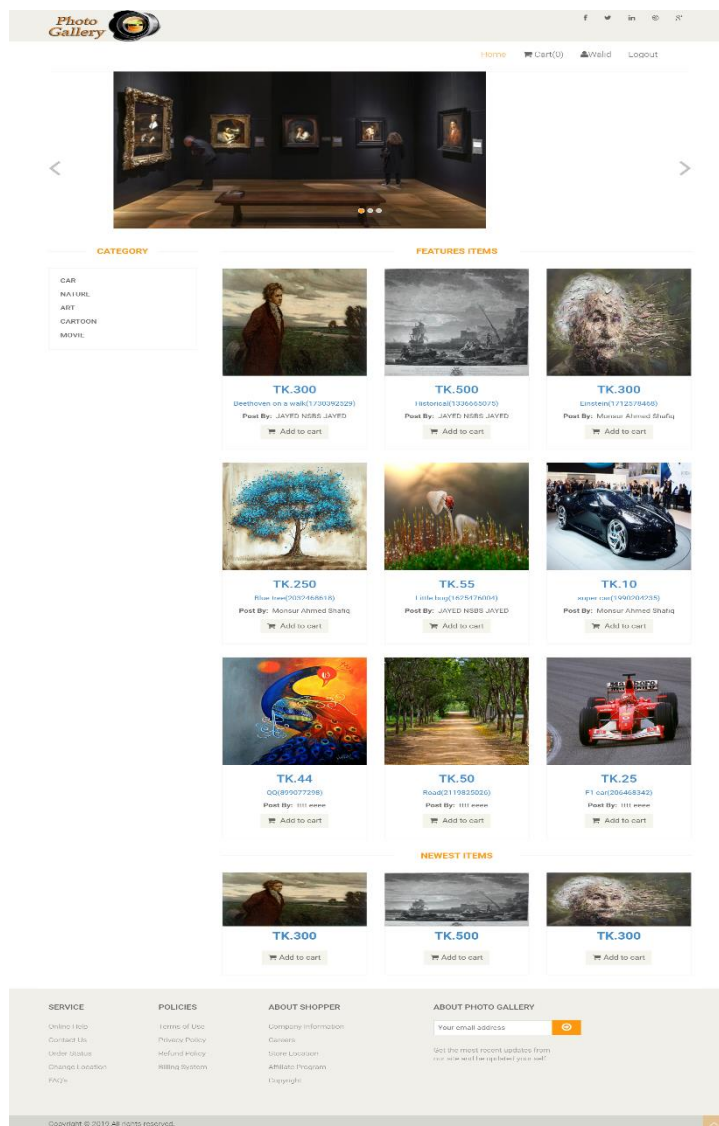
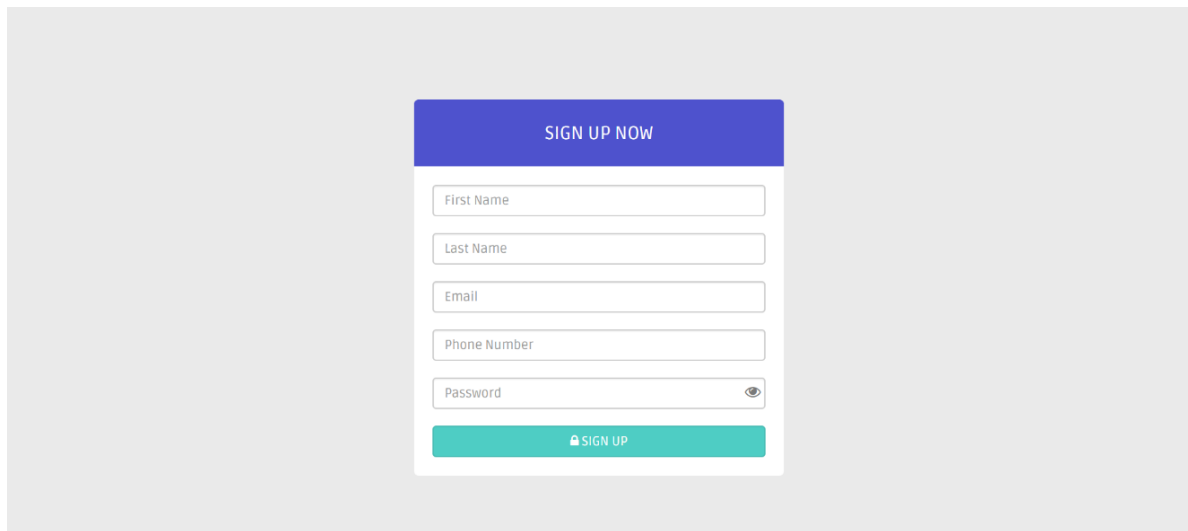


Figure 4.1.1.1 Home page

## 4.1.2 Users registration page

This is the registration page. If any user want to buy or sell a photo, they need to register on this website. The Figure 4.1.2.1 shows Registration page.



The image shows a registration form centered on a light gray background. At the top of the form is a blue header with the text "SIGN UP NOW" in white. Below the header are five input fields: "First Name", "Last Name", "Email", "Phone Number", and "Password". The "Password" field has a small eye icon to its right. At the bottom of the form is a green button with a white lock icon and the text "SIGN UP".

Figure 4.1.2.1 Registration page

### 4.1.3 Users login page

Users can get access all features after they login with valid information. Login page contains email and password. The Figure 4.1.3.1 shows User login page.

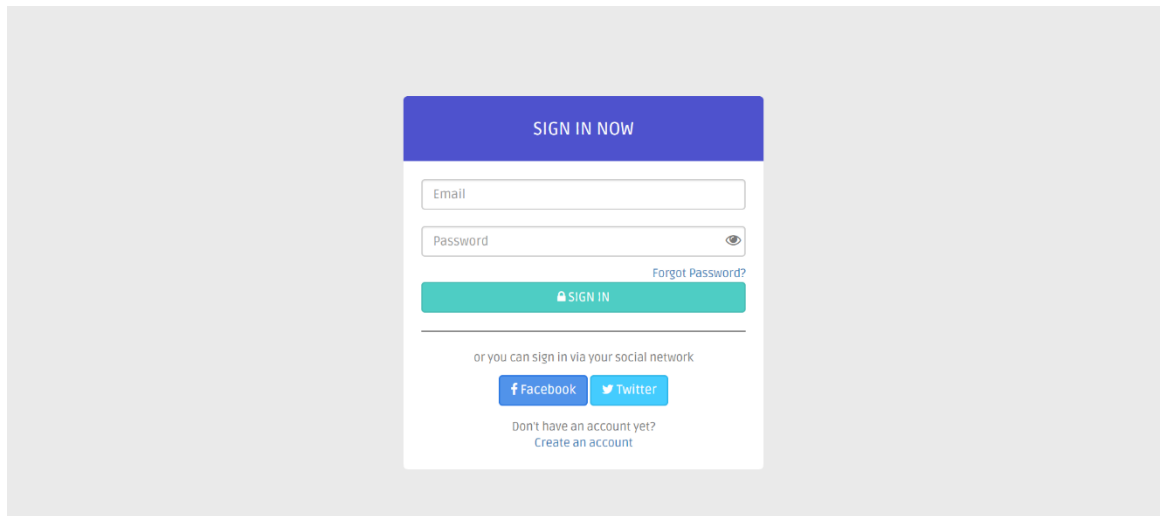


Figure 4.1.3.1 User login page

#### 4.1.4 Users dashboard

This page only for registered user only. User can see how many post they have, how many post are approved by admin and how many photos they sold. Also they can handle their activity task from this page. The Figure 4.1.4.1 shows Users dashboard page.

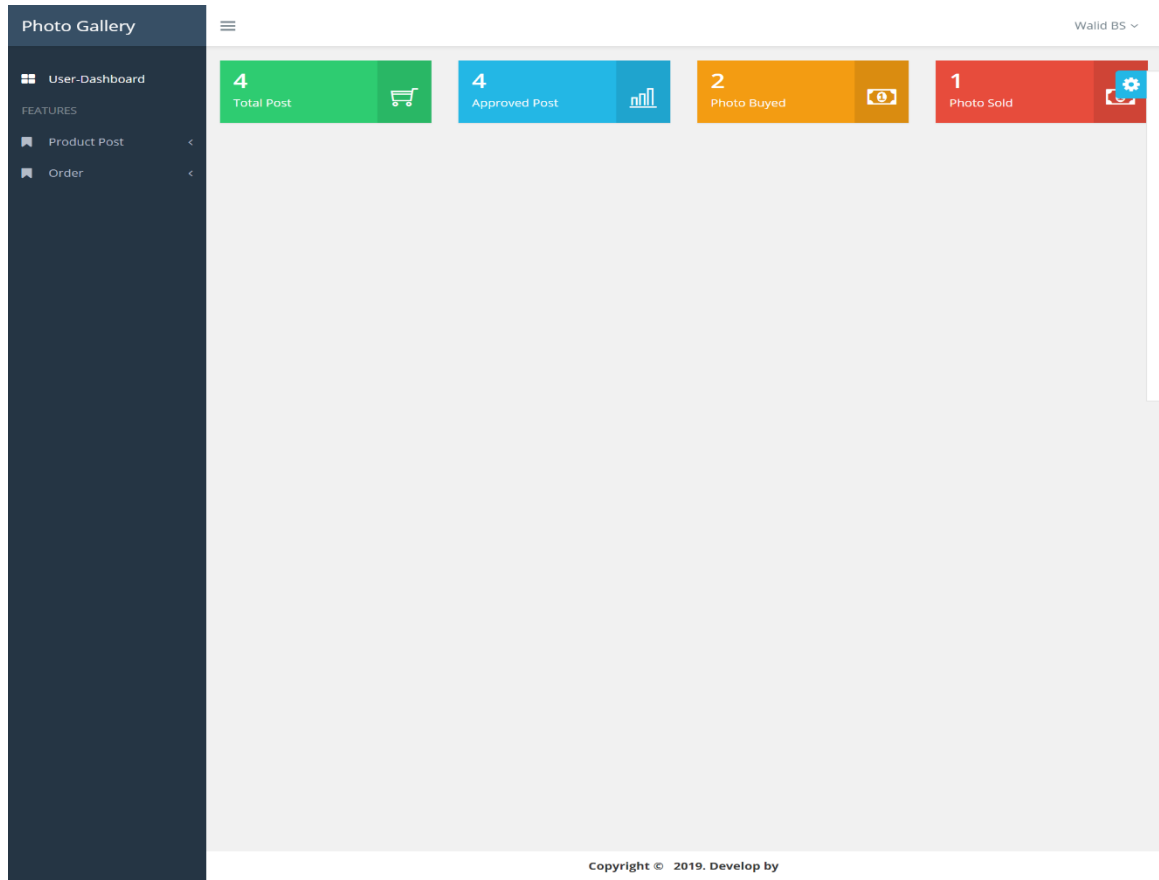


Figure 4.1.4.1 Users dashboard page

## 4.1.5 My post page

User need to registered to get access of this page. This page show user's all post as a list. User can re-edit their post also they can delete their post on this page. The Figure 4.1.5.1 shows My post page.

The screenshot displays a user dashboard titled "Photo Gallery" with a sidebar menu containing "User-Dashboard", "Product Post", and "Order". The main content area is titled "Post List" and features a "Create Post" button and a settings icon. Below this is a search bar and a "Show 10 entries" dropdown. The central table lists four posts with columns for SL, Title, Category, Image, Price, Status, and Action. Each row includes a "Publish" button and edit/delete icons. The footer of the page reads "Copyright © 2019. Develop by".

SL	Title	Category	Image	Price	Status	Action
1	3 Minions	Cartoon		50	Publish	
2	frankenstein poster	Movie		100	Publish	
3	Minions	Cartoon		50	Publish	
4	Replicas	Movie		100	Publish	

Figure 4.1.5.1 My post page

#### 4.1.6 Create/add post

This is pop-up form page of add post. If user want to sell a photo then they have to use this option. Then they have to set category, Title, Photo price and a short description. Then they have to click on submit button to complete this process. If they want to close or clear that pop-up form they can do it by clicking close and clear button. The Figure 4.1.6.1 shows Add post page.

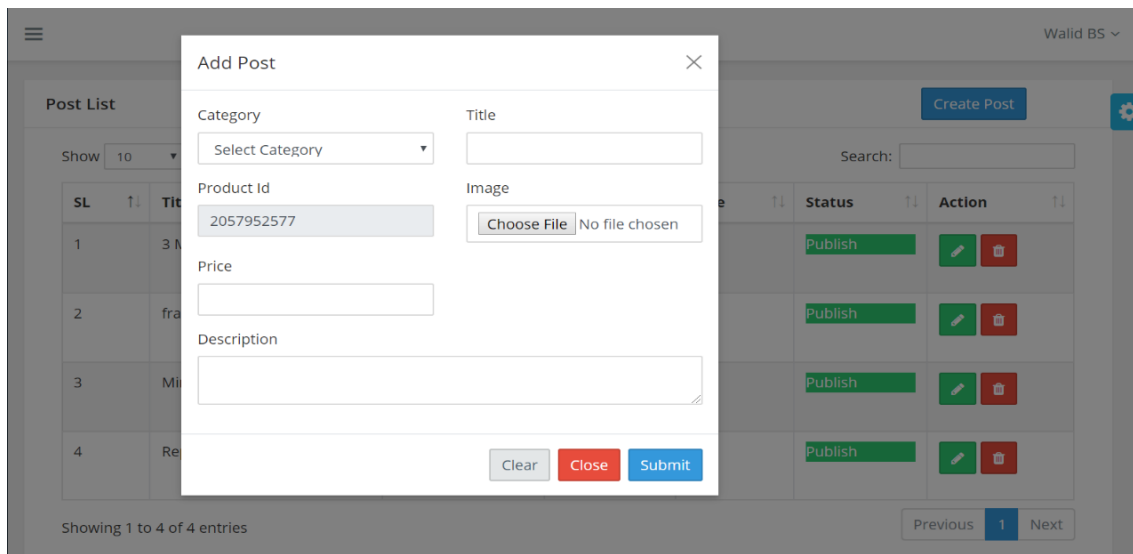


Figure 4.1.6.1 Add post page



## 4.1.7 Customers orders page

This is customer's orders list page. If user sell a Photo and any buyer buy those Photo then it will be add on this list. The Figure 4.1.7.1 shows Customers order page.

The screenshot displays a web application interface for a Photo Gallery. On the left is a dark sidebar with the following elements:

- Header: Photo Gallery
- Menu icon: ☰
- User: Walid BS
- Navigation: User-Dashboard, Product Post, Order

The main content area is titled "Customer Order" and contains the following elements:

- Display controls: Show 10 entries, Search: [input], Settings icon
- Table with 5 columns: SL, Customer ID, Product Name, Quantity, Total
- Table data:

SL	Customer ID	Product Name	Quantity	Total
1	3	frankenstein poster	1	100
2	3	Minions	1	50
- Footer: Showing 1 to 2 of 2 entries, Previous 1 Next

Copyright © 2019. Develop by

Figure 4.1.7.1 Customers order page

## 4.1.8 My orders page

If user buy any photo then it will be add there. User can download image from this page by clicking download button. They can also check their money memo. The Figure 4.1.8.1 shows My order page.

The screenshot shows a web application interface for managing orders. On the left is a dark sidebar with the following menu items: 'Photo Gallery', 'User-Dashboard', 'Product Post', and 'Order'. The main content area is titled 'Customer Order' and contains a table with the following data:

SL	Date	Order No.	Shipping ID	Total Cost	Action
1	2019-11-24	LS32	39	750	
2	2019-11-24	LS32	39	750	

Below the table, it says 'Showing 1 to 2 of 2 entries' and includes pagination buttons for 'Previous', '1', and 'Next'. At the bottom of the page, there is a copyright notice: 'Copyright © 2019. Develop by'.

Figure 4.1.8.1 My order page

## 4.1.9 Product details page

This page show title, description, random unique photo id and name of user who post it for sell. The Figure 4.1.9.1 shows Product details page.

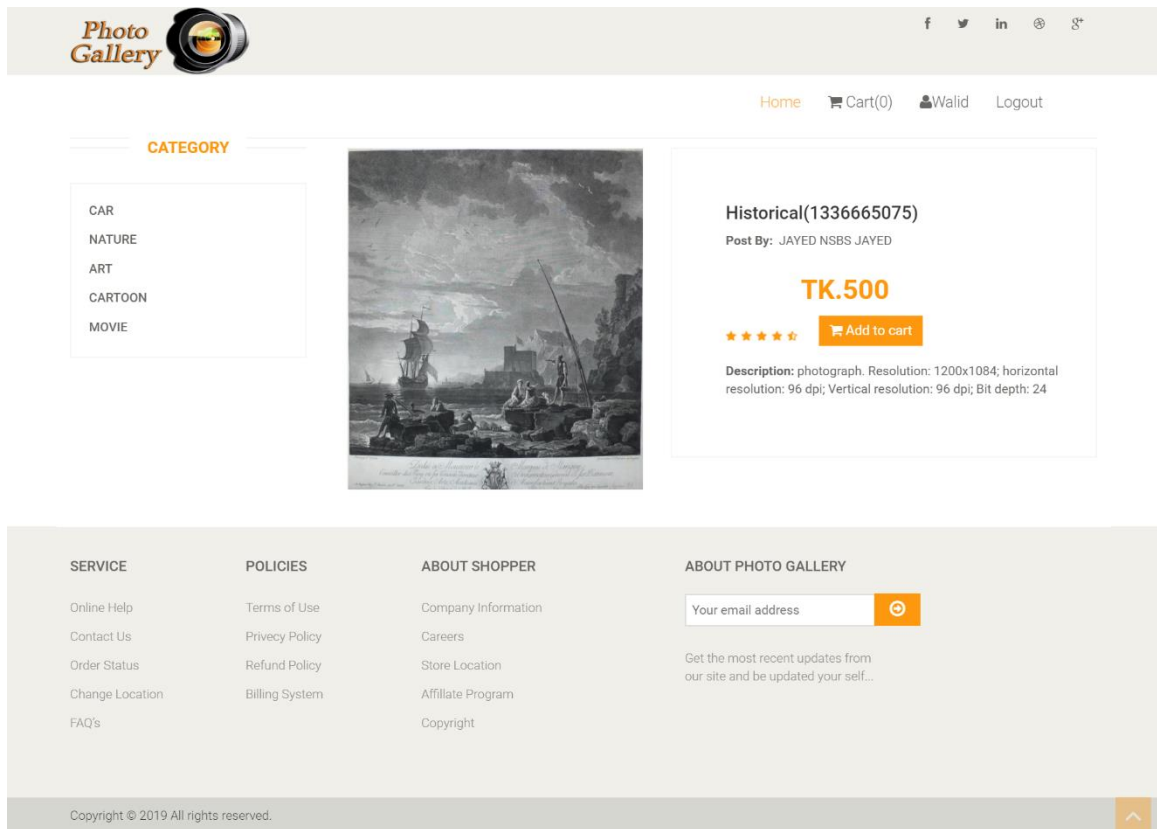


Figure 4.1.9.1 Product details page

## 4.1.10 Cart page

This page show photos users choose to buy with total payable amount. The Figure 4.1.10.1 shows Cart page.

The screenshot displays the 'Photo Gallery' website's shopping cart. At the top, there is a navigation bar with the site logo, social media icons, and links for Home, Cart(2), a user profile (Walid), and Logout. Below the navigation, a 'CATEGORY' sidebar lists options: CAR, NATURE, ART, CARTOON, and MOVIE. The main content area is titled 'Shopping Cart' and contains a table with the following data:

Sl. No.	Image	Price	Quantity	Total	Action
1		TK.500	<input type="text" value="1"/>	TK.500	
2		TK.250	<input type="text" value="1"/>	TK.250	

Below the table, a 'CONTINUE TO BASKET' section shows a summary of the cart:

Cart Sub Total	2
Total	TK.750

At the bottom of this section are two buttons: 'Continue to Shopping' and 'Check Out'. The footer of the page contains a grid of links under four categories: SERVICE (Online Help, Contact Us, Order Status, Change Location, FAQ's), POLICIES (Terms of Use, Privacy Policy, Refund Policy, Billing System), ABOUT SHOPPER (Company Information, Careers, Store Location, Affiliate Program, Copyright), and ABOUT PHOTO GALLERY (a search bar for email address and a subscription notice). A copyright notice 'Copyright © 2019 All rights reserved.' is at the bottom left, and a small orange arrow icon is at the bottom right.

Figure 4.1.10.1 Cart page

## 4.1.11 Checkout page

Users have to fill all data to move payment page. This page for buyers. The Figure 4.1.11.1 shows Checkout page.

**Photo Gallery** f t in @ S\*

[Home](#) [Cart\(2\)](#) [Walid](#) [Logout](#)

**CATEGORY**

- CAR
- NATURE
- ART
- CARTOON
- MOVIE

Review & Payment

**You Order Total Tk. \$750**

**Bill To**

**Note If Any**

easy buy

**Continue to Payment**

**SERVICE**

- Online Help
- Contact Us
- Order Status
- Change Location
- FAQ's

**POLICIES**

- Terms of Use
- Privacy Policy
- Refund Policy
- Billing System

**ABOUT SHOPPER**

- Company Information
- Careers
- Store Location
- Affiliate Program
- Copyright

**ABOUT PHOTO GALLERY**

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Figure 4.1.11.1 Checkout page

#### 4.1.12 payment page

After paying on bkaash or rocket you have to select one payment method and then give your Transaction No. to confirm to get your photo. The Figure 4.1.12.1 shows Payment page.

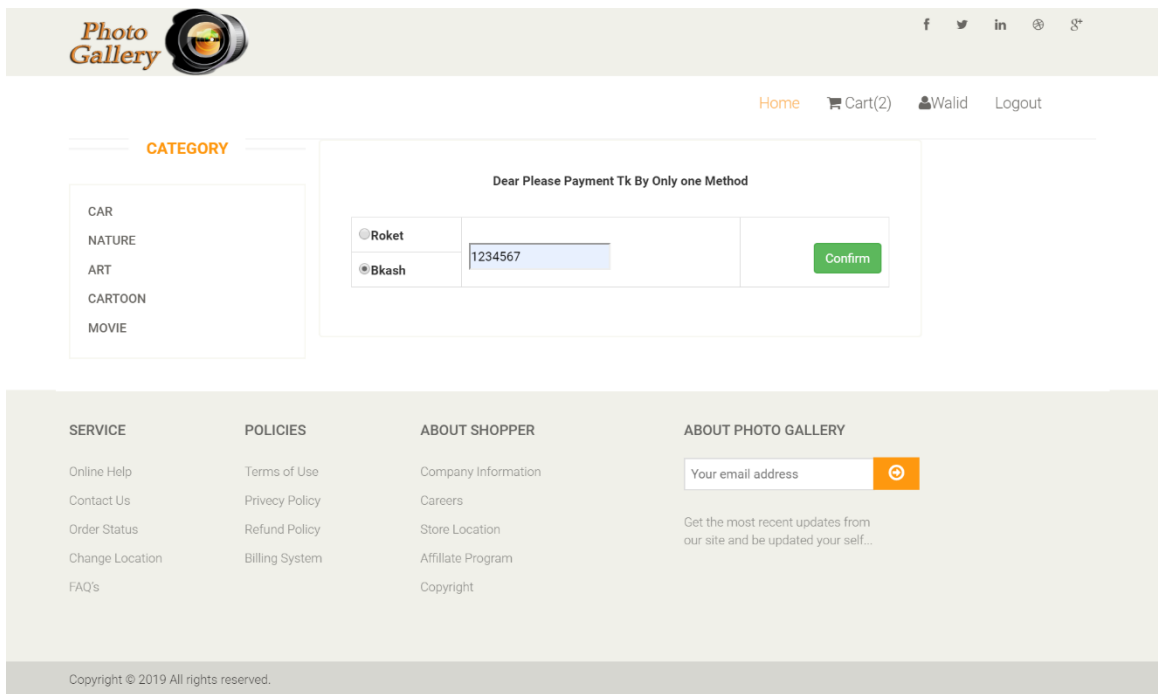


Figure 4.1.12.1 Payment page

## 4.2 Back-end-Design

### 4.2.1 Admin login page

This page is Admin login page. The Figure 4.2.2.1 shows Admin login page.

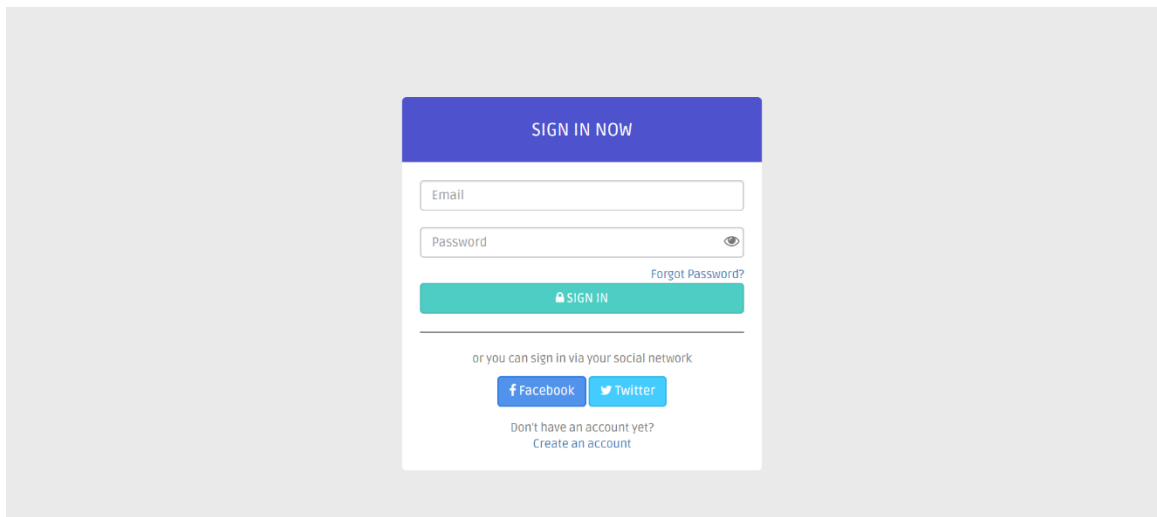


Figure 4.2.2.1 Admin login page

## 4.2.2 Admin dashboard page

In this page admin can see the number of users (registered users), number of all posts, number of photo categories, number of all active posts. The Figure 4.2.2.1 shows Admin dashboard page.

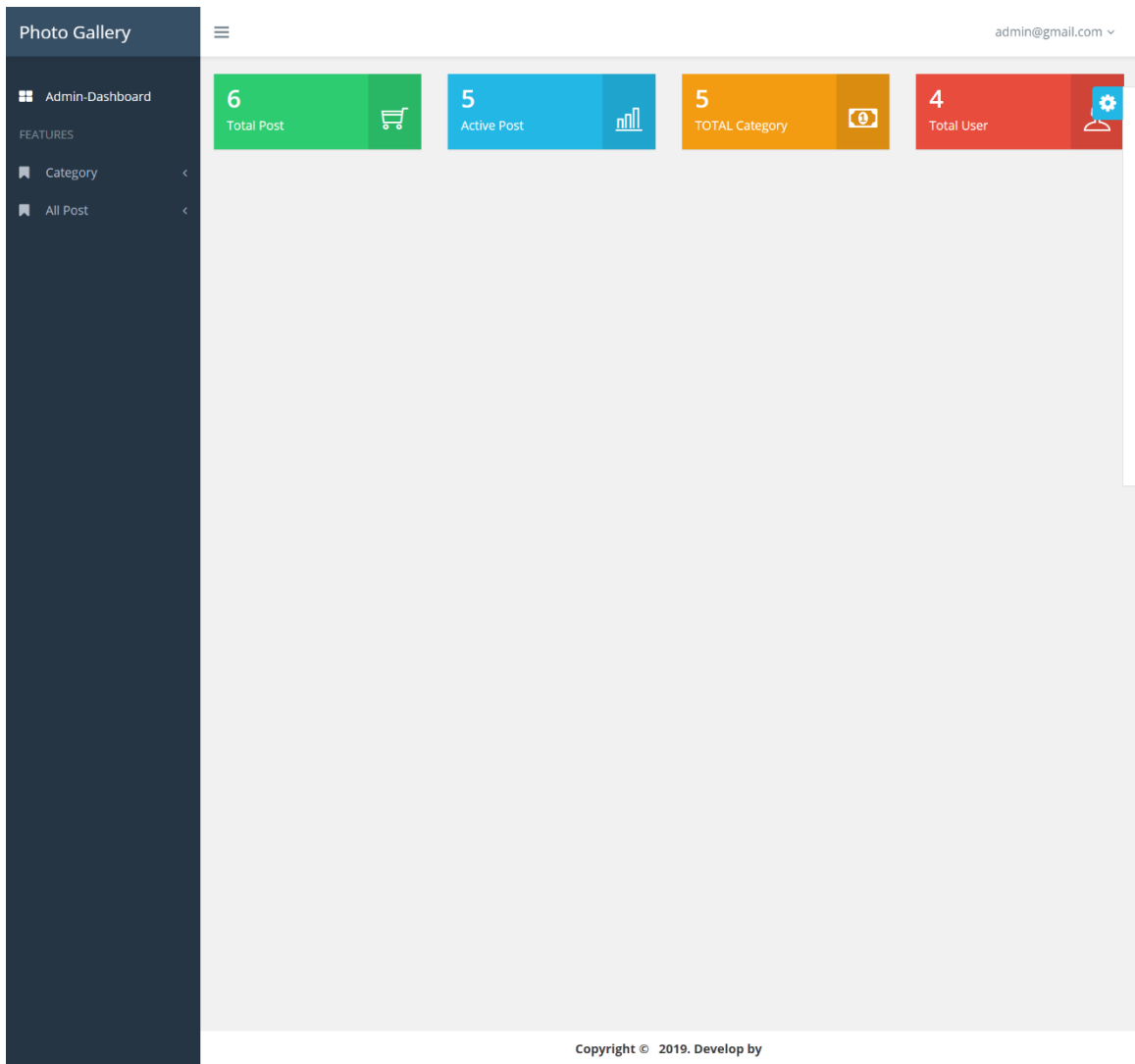


Figure 4.2.2.1 Admin dashboard page



### 4.2.3 Category list page

In this page admin can control all category's functions like, edit category, active category and delete category. The Figure 4.2.3.1 shows All categories list page.

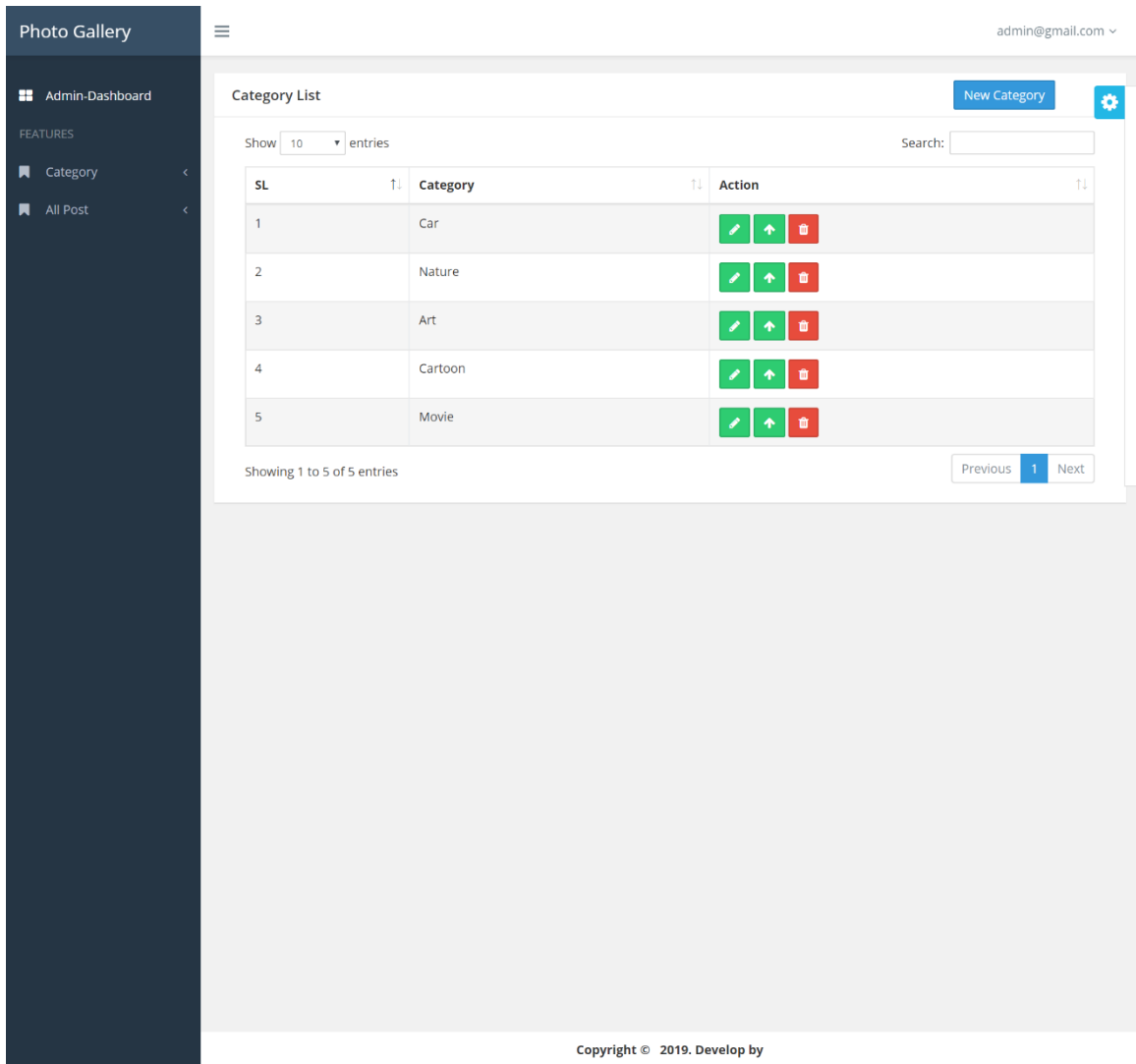


Figure 4.2.3.1 All categories list page

#### 4.2.4 add category page

It's a pop-up page to add a new category. only admin can do this. The Figure 4.2.4.1 shows Add category page.

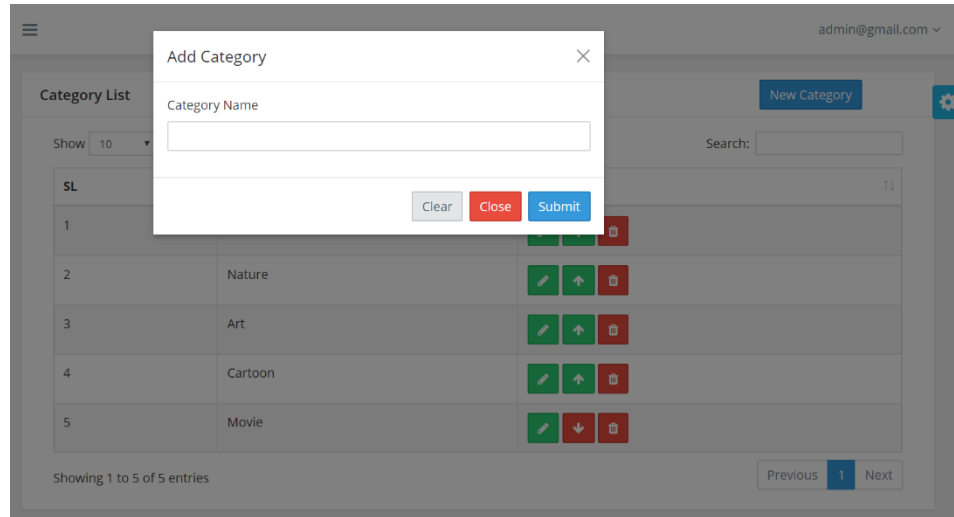
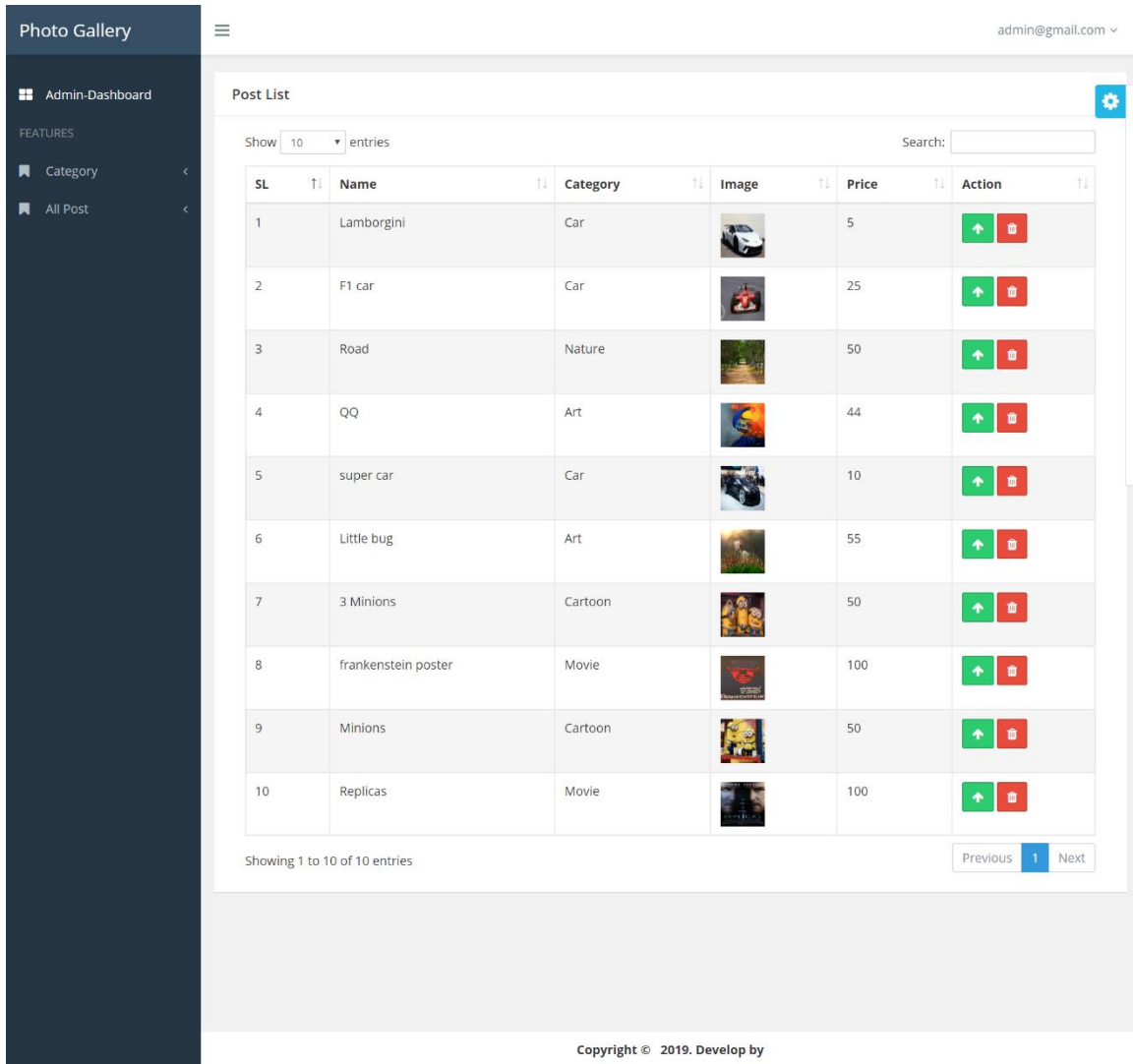


Figure 4.2.4.1 Add category page

## 4.2.5 all post page

All users post will be listed here. Admin can approve users post or delete post by this page. The Figure 4.2.5.1 shows Users all post list.



The screenshot displays the 'Photo Gallery' Admin Dashboard. On the left is a dark sidebar with navigation options: 'Admin-Dashboard', 'FEATURES', 'Category', and 'All Post'. The main content area is titled 'Post List' and includes a search bar and a 'Show 10 entries' dropdown. Below this is a table with 10 rows of posts. Each row contains an SL number, Name, Category, Image, Price, and Action buttons (approve and delete). At the bottom of the table, it says 'Showing 1 to 10 of 10 entries' and has 'Previous', '1', and 'Next' navigation links. A copyright notice 'Copyright © 2019. Develop by' is visible at the very bottom.

SL	Name	Category	Image	Price	Action
1	Lamborgini	Car		5	
2	F1 car	Car		25	
3	Road	Nature		50	
4	QQ	Art		44	
5	super car	Car		10	
6	Little bug	Art		55	
7	3 Minions	Cartoon		50	
8	frankenstein poster	Movie		100	
9	Minions	Cartoon		50	
10	Replicas	Movie		100	

Figure 4.2.5.1 Users all post list

### **4.3 Interaction design and UX**

My system will be going to help for photographer, especially for sell photos. Most photographer in Bangladesh will searching for this type of online system. I hope my system provides users valuable time to save, quality and simplicity.

### **4.4 Implementation Requirements**

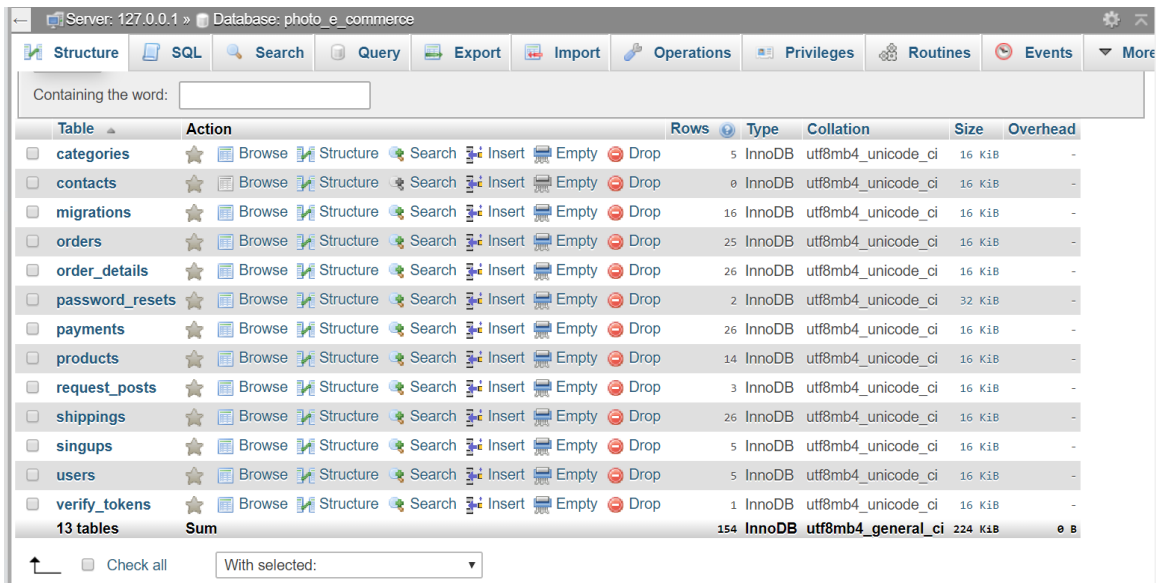
I discuss all the technical requirements previously. If every portion is ready then I'm ready to roll the implementation of my system.

# Chapter 5

## Implementation and Testing

### 5.1 Implementation of database

For dynamic web project database implementation is most hard and important part. Database provides information to the web pages when they call it, here is the data base table of my web project. The Figure 5.1.1 shows Database Table.



The screenshot shows a database management interface for a server at 127.0.0.1, connected to a database named 'photo\_e\_commerce'. The interface includes a menu bar with options like Structure, SQL, Search, Query, Export, Import, Operations, Privileges, Routines, Events, and More. Below the menu is a search bar for text within the database. The main area displays a table of database tables with columns for Table, Action, Rows, Type, Collation, Size, and Overhead. The tables listed are: categories (5 rows), contacts (0 rows), migrations (16 rows), orders (25 rows), order\_details (26 rows), password\_resets (2 rows), payments (26 rows), products (14 rows), request\_posts (3 rows), shippings (26 rows), singups (5 rows), users (5 rows), and verify\_tokens (1 row). A summary row at the bottom indicates there are 13 tables in total, with a combined size of 224 KiB and an overhead of 0 B.

Table	Action	Rows	Type	Collation	Size	Overhead
categories	★ Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_unicode_ci	16 KiB	-
contacts	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
migrations	★ Browse Structure Search Insert Empty Drop	16	InnoDB	utf8mb4_unicode_ci	16 KiB	-
orders	★ Browse Structure Search Insert Empty Drop	25	InnoDB	utf8mb4_unicode_ci	16 KiB	-
order_details	★ Browse Structure Search Insert Empty Drop	26	InnoDB	utf8mb4_unicode_ci	16 KiB	-
password_resets	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	32 KiB	-
payments	★ Browse Structure Search Insert Empty Drop	26	InnoDB	utf8mb4_unicode_ci	16 KiB	-
products	★ Browse Structure Search Insert Empty Drop	14	InnoDB	utf8mb4_unicode_ci	16 KiB	-
request_posts	★ Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_unicode_ci	16 KiB	-
shippings	★ Browse Structure Search Insert Empty Drop	26	InnoDB	utf8mb4_unicode_ci	16 KiB	-
singups	★ Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_unicode_ci	16 KiB	-
users	★ Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_unicode_ci	16 KiB	-
verify_tokens	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16 KiB	-
<b>13 tables</b>	<b>Sum</b>	<b>154</b>	<b>InnoDB</b>	<b>utf8mb4_general_ci</b>	<b>224 KiB</b>	<b>0 B</b>

Figure 5.1.1 Database Table

## **5.2 Implementation of Front-end design**

In chapter 4 I discussed about front-end design which page works for which and how. By HTML, CSS, Bootstrap the system is implement all of that design and the interacting between that design and back-end design.

## **5.3 Implementation of Interactions**

Interaction means action between two things. In my project , the interaction between database and the design is pathway of JavaScript and Laravel backend. For server side here used php and for client side used HTML, CSS, JS, and BOOTSTRAP. All this interaction things is very fast and smooth .

## **5.4 Testing Implementation**

### **5.4.1 Theme unit Testing**

Unite testing is a process of software development. Unite testing is individually and independently scrutinized for proper operation.it is done manually, often its automated.

### **5.4.2 Browser testing**

My Photo gallery website easy to use browser automation provides a communicator testing API.

## **5.5 Test result and Reports**

Basically, test report is generated for testing a system in a formal way it gives an opportunity to check every portion of the system. Test result is needed for users acceptance because it helps the system developers to make the system more efficient and user friendly.

## **Chapter 6**

### **Conclusion and Future Scope**

#### **6.1 Discussion and Conclusion**

After long period on this project here, I proudly announce that this system will be help full all kind of Bangladeshi photographer and Art-work Artist. And also other kind of users. This project is useful and complex web application.

This project ended, But only for right now. Cause I want to add many things and many options to make this project more useful and more strong. I have a lot of scope for future work. All expected outcome will be fulfilled by this project.

#### **6.2 Scope for Further Developments**

In this project ,there is some scope to add new features. If anyone wants to keep working on this project, they can. Here is some key things that can be added.

- Faster to load
- Add sslcommerz payment gateway
- Update UI design for more attractive looks.

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