

# **BuyBetter: A Web-based Online Review System**

**By**

**Omor Faruk**

**ID:161-15-6757**

**Humaira Jahan**

**ID:161-15-7161**

**Fatema Momotaj**

**ID:161-15-6743**

**AND**

**Zahid Hasan**

**ID:161-15-6728**

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

Supervised by

**Shaon Bhatto Shuvo**

Senior Lecturer

Department of CSE

Daffodil International University



**DAFFODIL INTERNATIONAL UNIVERSITY**

**DHAKA , BANGLADESH**

## **APPROVAL**

This Project titled “**BuyBetter: A web-based online review system**” , submitted by Omor Faruk ID No: 161-15-6757, Humaira Jahan ID No: 161-15-7161, Fatema Momotaj ID No: 161-15-6743, Zahid Hasan ID No: 161-15-6728 to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 5.12.2019.

### **BOARD OF EXAMINERS**

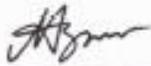


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**Dr. Syed Akhter Hossain**  
**Professor and Head**

Department of Computer Science and Engineering  
Faculty of Science & Information Technology  
Daffodil International University

**Chairman**



---

**Nazmun Nessa Moon**  
**Assistant Professor**

Department of Computer Science and Engineering  
Faculty of Science & Information Technology  
Daffodil International University

**Internal Examiner**



---

**Gazi Zahirul Islam**  
**Assistant Professor**

Department of Computer Science and Engineering  
Faculty of Science & Information Technology  
Daffodil International University

**Internal Examiner**



---

**Dr. Mohammad Shorif Uddin**  
**Professor**

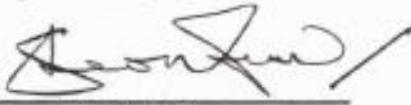
Department of Computer Science and Engineering  
Jahangirnagar University

**External Examiner**

## DECLARATION

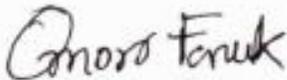
We hereby declare that, this project has been done by us under the supervision of **Shaon Bhatta Shuvo, Senior Lecturer , Department of CSE Daffodil International University**. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

### Supervised by:

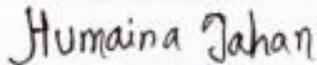


**Shaon Bhatta Shuvo**  
Senior Lecturer Department of CSE  
Daffodil International University

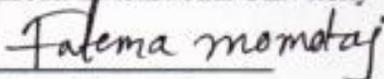
### Submitted by:



**Omor Faruk**  
ID:161-15-6757  
Department of CSE  
Daffodil International University



**Humaira Jahan**  
ID: 161-15-7161  
Department of CSE  
Daffodil International University



**Fatema Momotaj**  
ID: 161-15-6743  
Department of CSE  
Daffodil International University



**Zahid Hasan**  
ID: 161-15-6728  
Department of CSE  
Daffodil International University

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## **ABSTRACT**

We are in a digitalized world where technologies benefitted us with the needed information near to hand. No human brain is willing to reserve loaded knowledge about everything they had to use in their regular life. Still people urge to have new experiences, advanced advantages which they come to know from another human around him or by internet. The necessity of a new product or anything that excites one person will be reproduced one after another so to stand by it we need to linked our-self with more people which these days are not accountable as every other person has to follow their own schedule. On the other hand people are connected with their devices day and night. To know the most of anything has become extreme easy like a daily basic work . But the concern is how much they can depend on it. This is where the website “**ONLINE REVIEW SYSTEM**” is needed to provide the maximum honest review and assure the users about right information. Security is a major issue while surfing internet, we designed the highest privacy and security to keep track the authentication of a user as they are going to give review and the whole process is mean to be run by them so their identity need to be proved to avoid dishonest or fake reviews.

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# CHAPTER 1

## INTRODUCTION

### **Introduction:**

on our website, people can buy products to be sure about the quality by looking at the required reviews before buying their products This website is very user-friendly. Designed according to user requirements. The user doesn't have to be proficient in web browsing to use it. And I designed this website for a targeted user who should use it very easily This website will give real user reviews. There is no need to worry about giving reviews on the website. Only Google account can give reviews. Designed with user privacy concerns. Daily new product reviews will be updated Hopefully this website reviews will be useful to the user and they will be satisfied.

### **Motivation**

Suppose, a person 'A' has urgent need of a product that has so many brands and non-brands, different prices which the person 'A' has no idea as he didn't use it before. The person rescued from the indecision of which one to buy as he had a friend 'B' who used the product before, did research on it and have a proper knowledge on it. If you look on the fact attentively there are so many people out there who extremely needs this kind of suggestions to avoid loss of time, energy and money yet have the best product. what if one cannot find any certain recommendation of a product from any of his contact. So, there to rescue a huge field is necessary where people only connect to all product reviews and find out which one to buy, where to find it and so on.

## **Objectives**

### **User-friendly website**

A user friendly website CHAPTER has been created by thinking the exact age group of people who use technologies or devices. The number is quite high in range . The colors , the interface and smooth behavior is made by keeping the fact not to make the user monotony.

### **Helpful reviews**

The aim is to help the user come out from their confusion of which exact thing will be best for them among many of similarities. Letting them know the trending products and keep up to date that's how the users will be benefitted.

### **Real ratings of users**

With the time going masses apply for more and more techniques that are not time consuming yet get done the work more accurate than before. Giving rating system instead of writing a short or long comment is one of them. Providing a scope like this was a time demand.

### **Regularly adding new information**

When an additional service is being served by a new product people are no longer attach to the previous one. Everyone used to have the tendency of getting more service with similar offering. So that the latest and trending products and services shifting is a must.

### **Trustworthy reviews**

The main reason to visit the website is get to explore genuine reviews. If this key portion have any shortcoming then anything else on the entire website can fix it to make the users continue using this website.

## **Satisfied users**

End of every endeavor satisfied users are an asset. They are the reason of building this website and helping them is what it is mean to do. Whenever an user get used to a service the certain thing can be marked as successful.

## **Expected Outcome**

When the beginning of our day start with an alarm and the end not without a quick check on our social medias so then you can see how much in separable our electronics devices has become to us. The aim is to make the best use of it. Reviewing products on this website serves the both side of user and builder. The simple equation is that the more benefit we are providing in this website the more user attach to it. At this level , a profitable business scope cannot be overlooked. Identically what the website, online review system supplies are somehow matched to what the masses demand. In addition, being a public stage the associates of each content can get an honest feedback of their product or service, enhance their qualities and minimize the lacking.

## **Report Layout**

In chapter one we have discussed that our project is about online review. Here people can gave their opinion about a product they buy from anywhere. We have been seen that in our country here is many e-commerce businesses where people buy their product then gave their opinion. From this we have been motivated that if a person want to buy or get anything from online business then at first he/she can visit our website to have knowledge about that product. People are always concern about quality so they can get help from here. In our project here is some category from where we can found ours which one is needed. So basically we can have knowledge about a product from here.

In this second chapter we have showed elaborately other websites that we can relate with ours website. And another thing we have faced that there is lots of scope for creating problems and challenges we have gone to face but we have to figure it out. We have to prepare for any kind of problems that we can face.

As you go through the third chapter here we have discussed about some kind of model like use case model, logical data model. For our project we have designed our website, for designing we have to fulfill some requirements for our respected user. So that they can easily use that, they can feel comfortable to visit this site .

The content of chapter four are some pictures of our design. Front-end design, Back-end design, Interaction design and UX. For implementing this design we need to create a design first and for creation need to fill some requirements. So here we have discussed about implementation requirements.’

In the chapter five you can see how we implement the database, implement the front-end design, interaction and most importantly testing. These parts are discussed here. Testing part is very important. Our website is tested by our classmates and some other users which result is quite good.

Here we have discussed about our full project. How we did it, how it works, all kind of things. And we have thought to develop a more in future in our project. We have thought to convert our website to app in future and some other development.

## **CHAPTER 2**

### **BACKGROUND**

#### **Introduction**

The project we are working on is mainly online based .We have researched some related apps and website... There we have noticed that people can buy and sell products From there and they have review system too. As far as we have researched there is no website where there is no product for sale without product sales review can also be provided. Through our website, people can view reviews, research about products and buy products. At present, it is seen that we have not reviewed the product we want to buy before we buy anything else.

#### **Related works**

Our project is an online review based project. In addition to this we have studied some of the more relevant websites. Among them are bikroy.com, Ekhanai.com, Daraz.com, perfree.com. There are internals on Alibaba, Amazon etc.. But here is one thing I noticed in these websites that buy and sell reviews, there is no way to review products only by consuming.

#### **Amazon**

This website gives reviews or an account is required to buy or sell products. Login here. The comments section can be reviewed here, and there are also rating stars[1].

#### **Ali-baba**

Ali-baba offers buy and sell and reviews and ratings on the same system. There is a little account required. Ali-baba gives us some services such as Ali-baba cloud, Ali-play, Ali-express etc[1].

### **Ali-express**

Ali-express is a subsidiary of Ali-baba. Products can be purchased and reviewed. And it requires an account. All kinds of products are available for men, women, kids, electronics. All the products are available[1].

### **Daraz.com**

This is one of the online shops in Bangladesh. Buying goods here is two. Its headquarters is Pakistan. All types of products can be sold. Many types of discounts are given to the user. There is a discount on the payment, there is a voucher system[1].

### **Bikroy.com**

bikroy.com was first launched in 2012. Can be bought and sold at bikroy.com. Log in with your account. Reviews and ratings can be given. In the case of sales, the user can sell all the old and new stuff[1].

## Comparative studies

With the never ending inventions finding an absolute original is quite impossible today. Still there are numerous things that needs to develop. Here you can find the features we developed -

Table 2.1: Comparison with other related work

Comparison based on	Comparable websites	Online Review System Website
1. Availability of same services	1. There are several websites which are already recognized for similar kind of work like providing reviews. But as you see those are mainly an e-commerce site trying to sell their products as much as they can.	1. This website has no link to any companies profit or loss. It is only designed to make a overview of people's point of view.
2. Authentication	2. They issued the website for selling products so it's not totally safe to be dependent on the reviews.	2. On the opposite, the users only get to share their experience with the product, no marketing activities or sponsorship will be allowed what make it more dependable to the users.
3. Assorted features	3. They fix the features with sellers recommendations. It is a not privilege to the consumers.	3. We will add more categories by analysing users interest and the ongoing trends.

## **Scope of the problem**

This type of problem we may have faced and overcome some way to it

- **Working expenditure**

when we handle this project there is a major issue of cost.

- **Promotion**

Promotion is a vital part for any kind of professional website. But we need to submit extra cost for promotion.

- **Bounce rate**

We need to analysis various data so that if someone gives fake review we can collapse that.

- **Choosing the right partner / right technology**

Now it a days in our era everything is digitalized. We need to find proper technology those help us to find real review. Either it economics site business or real field business partner should be trustable. our parent are hazardous though it can't go long.

- **Authentication**

we'll weary about our real reviews so that we quarry about the users give this reviews or the owner of those products give this review. Our field work justify the real review.

- **Profit rate**

We need to recheck and renewal which help up continue the popularity and the profit of our business it's not only a wave site or app also a business money is vital issue for continue the business.

- **User friendly**

In our website people can gives authentic reviews easily. Also people easily get reviews easily. We need to create a bond with our regular user and Web site. Then they can influence our people to use the website.

## ➤ **Hiring people**

When our business will updated the platform will bigger then we hire qualified people then can code and run the apps properly.

## **Challenges**

We have encountered some challenges in doing this project:

- We have encountered some problems with the domain purchase.
- We have encountered many bug problems.
- I have been infected with the virus.
- It was a challenge for us to find out what technology we could use to create a website smoothly.
- It was a challenge to make the website user friendly.
  - Proper security of user privacy was also a challenge.
  - I've also encountered problems finding out if the reviews are authentic.
- Collection of data is another challenge for us cause in this market there have been lots of products which are used by people, so find the most usable was quite tough.
- The most important part is about cost which is actually a major part for this project have to save a amount of money.
- Management system is another important part. Manage a website to being user friendly was quite tough for users.

## CHAPTER 3

### REQUIREMENT SPECIFICATION

#### Business Process Modeling

The business model diagram can be changed or improved as it needs. It shows the current position and shortly the working process as a business enterprise.

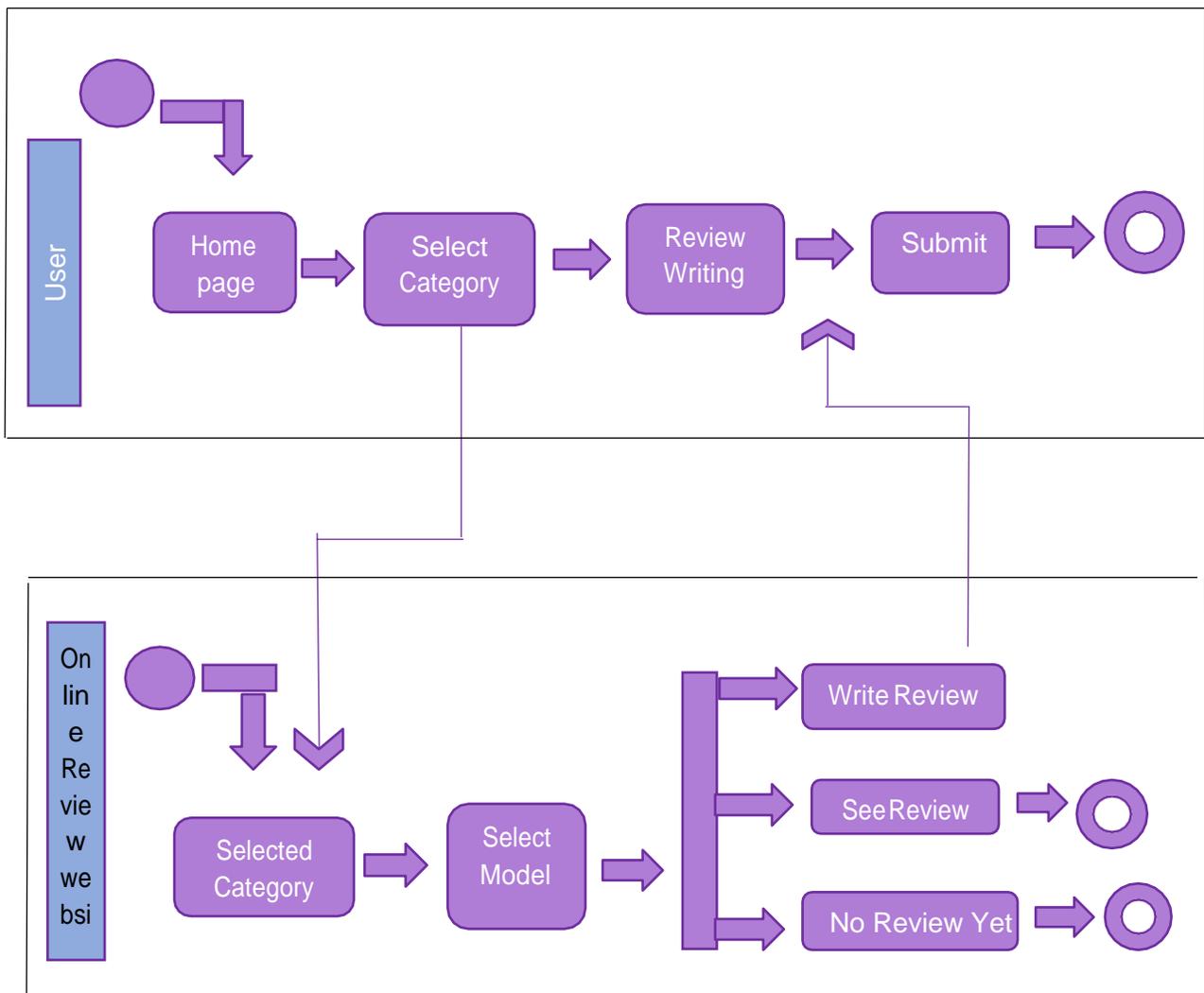


Figure 3.1: Business Process Modeling Diagram

## **Requirement collection and analysis**

In the requirement collection analysis we have to find out what kind of product reviews the user wants. Demand for some types of products is high. Because the user wants to see the reviews of the product they want to use. So, to find the product according to their requirement, he gave reviews. The most important thing is whether the website is easy to use or not. Because the user can easily access it, their interface is created according to their requirements

### User case modeling and description

The following use case is to describe the steps one after another



Figure 3.2: Use Case Modeling Diagram

## Logic data model

It particularly shows the relationship among all the pages in this website. All pages or data are linked to one with another so it is more logical in that way.

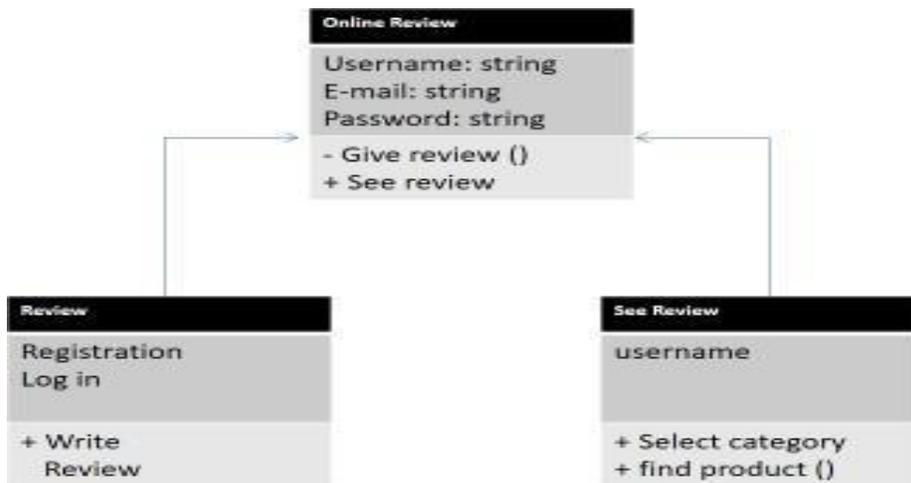


Figure 3.3: UML Class Diagram

## **Design requirements**

There is no end to the requirement of the user, but all the requirements have been maintained to give them maximum benefit. The user is not interested in using it if it is complicated in any case. So it is easy to use it is also an important requirement. So all the work has been done keeping this in mind.

## **CHAPTER 4**

### **DESIGN SPECIFICATION**

#### **Front-end Design**

We have used the regular web designing method using HTML for our basic table design[3], CSS to modify the design[4], color and beautify the front-end BOOTSTRAP the ultimate framework for design[5] and jQuery. We experimented the latest version to avoid problems.

#### **Hypertext Markup Language (HTML)**

Composed text, images and other stuffs has been added following the programming language tags and proper methods .

#### **Cascading Style Sheet(CSS)**

To associate html , css give more specific works done by its own creation. Several changes can be made by using css.

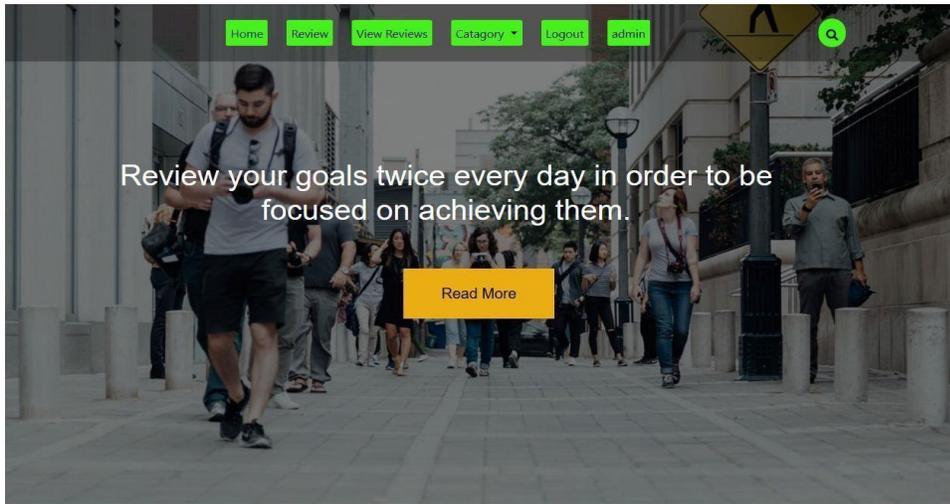
#### **jQuery**

jQuery is a JavaScript library that works to simplify HTML and CSS manipulation, along with event handling.

#### **Bootstrap**

This framework has been used mostly to make further development easier . As we cherish to responsive our website this is mandatory.

This is the home page design or first view of our website. Decorated after analysis several kind of users.



### popular catagory



#### Cameras Reviews

[Click For View](#)



#### Car Reviews

[Click For View](#)



#### Mobile Reviews

[Click For View](#)



#### Resturent Reviews

[Click For View](#)



#### Electronics Reviews

[Click For View](#)



#### cloths Reviews

[Click For View](#)

### Contact Us

**Name**

**Email address**

**Message**

[Send](#)

### Contact

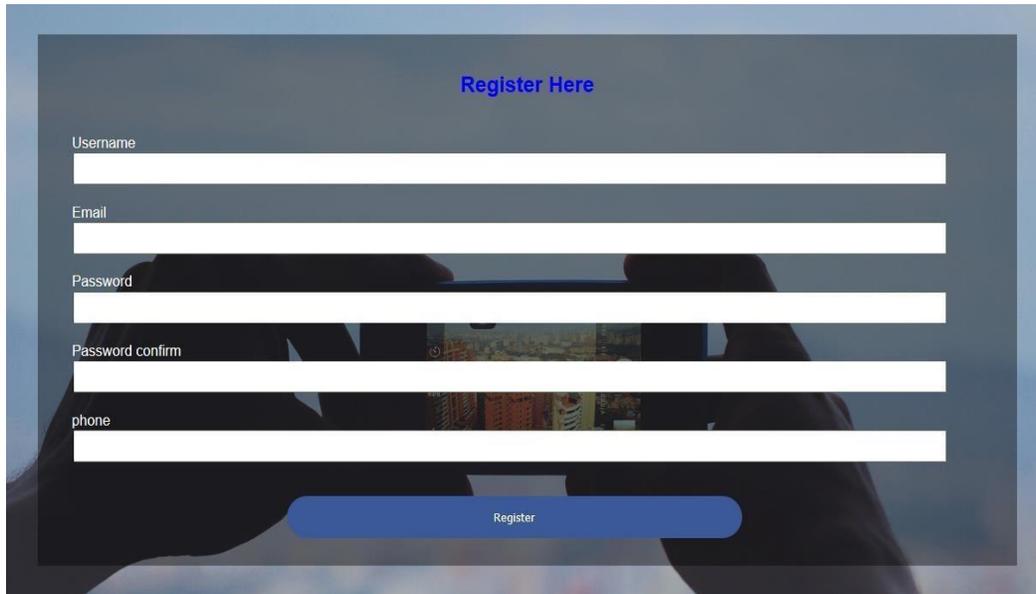
Daffodil International University

zahid15-6728@diu.edu.bd

+880259745

Figure 4.1: "Home Page" for Online Review System

The registration page which is a must if anyone wants to write review or log in. For tightening the security of our website we created this mandatory registration then login page.



Register Here

Username

Email

Password

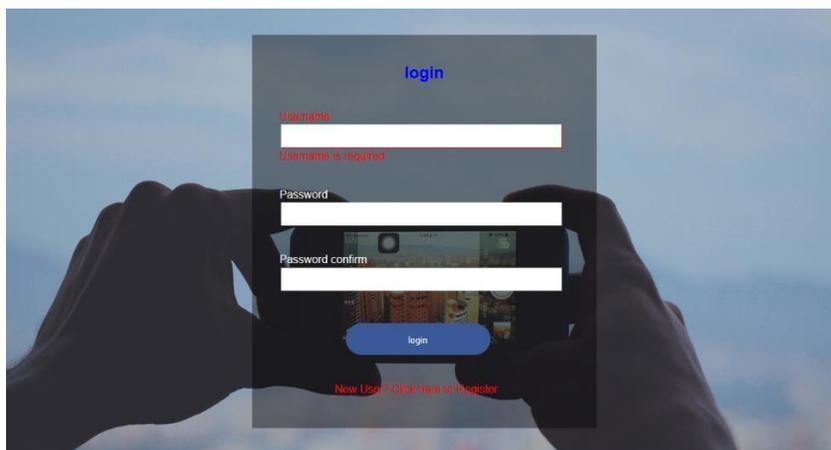
Password confirm

phone

Register

Figure 4.2: “Registration Page” for Online Review System

After registration the user can log in and give their reviews. With their log in every users can keep privacy of their account .



login

Username  
  
Username is required

Password

Password confirm

login

New User? Click here to Register

Figure 4.3: “Log In” for Online Review System

Here is the most important part of the website we would say . The box for writing reviews. By filling all the information here one can complete the review writing.

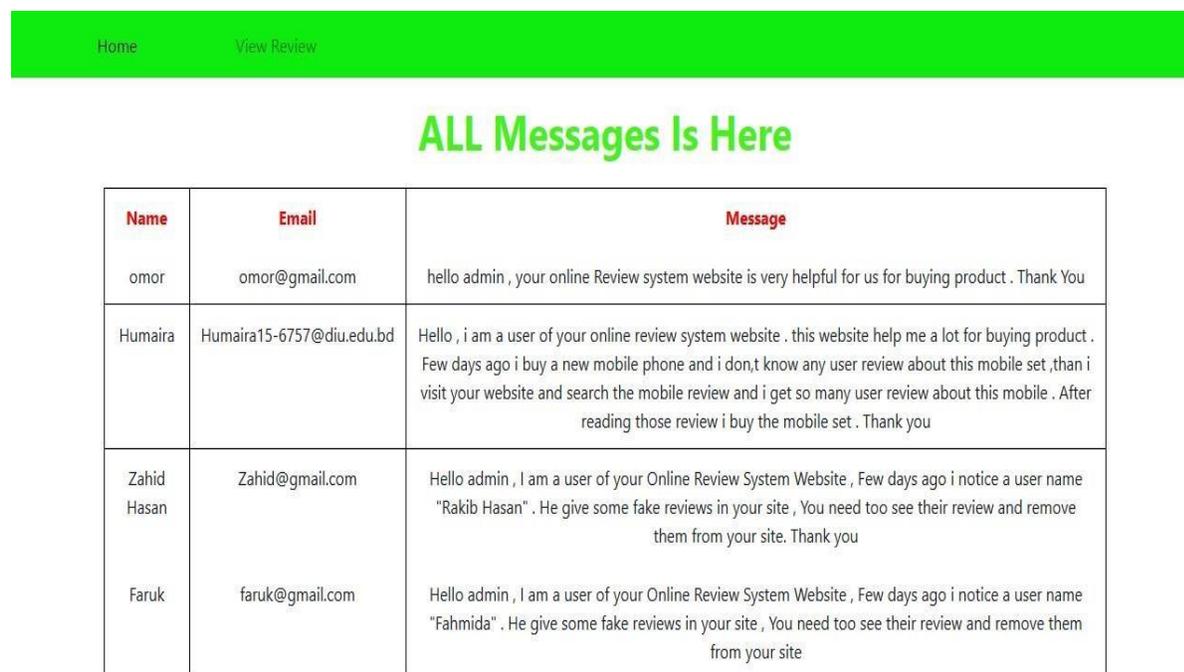
The screenshot shows a green-themed form titled "Give Review Here". It contains the following fields: "Product Name" with a text input containing "Enter Your Review product name"; "Product Type" with a dropdown menu showing "Mobile"; "Comment" with a large text area; "Give Rating" with a dropdown menu; and "Product Image" with a file upload button labeled "Choose File" and the text "No file chosen". A blue "Submit" button is located at the bottom of the form.

Figure 4.4: “Review Writing” for Online Review System

The screenshot shows a "Contact Us" form with the following fields: "Name" with a text input containing "Faruk"; "Email address" with a text input containing "faruk@gmail.com"; and "Message" with a text area containing "Hello admin , I am a user of your Online Review System Website , Few days ago i notice a user name \"Fahmida\" . He give some fake reviews in your site , You need too see their review and remove them from your site". A blue "Send" button is located at the bottom of the form.

Figure 4.5: “Contact-us” for Online Review System

When facing any serious issue or any urgent need of user to contact with the admin panel it can be for a specific solution or to report problem they can message directly to the admins.



Name	Email	Message
omor	omor@gmail.com	hello admin , your online Review system website is very helpful for us for buying product . Thank You
Humaira	Humaira15-6757@diu.edu.bd	Hello , i am a user of your online review system website . this website help me a lot for buying product . Few days ago i buy a new mobile phone and i don,t know any user review about this mobile set ,than i visit your website and search the mobile review and i get so many user review about this mobile . After reading those review i buy the mobile set . Thank you
Zahid Hasan	Zahid@gmail.com	Hello admin , I am a user of your Online Review System Website , Few days ago i notice a user name "Rakib Hasan" . He give some fake reviews in your site , You need too see their review and remove them from your site. Thank you
Faruk	faruk@gmail.com	Hello admin , I am a user of your Online Review System Website , Few days ago i notice a user name "Fahmida" . He give some fake reviews in your site , You need too see their review and remove them from your site

Figure 4.6: “Message view” for Online Review System

After the users inform any distress through the message or report to any review the admin will right away look for it . If it seems wrong , hate speech , violating comment or fake we will remove it as soon as possible and warn the user about this deed and can ban them also if necessary.

There will be various categories in the upcoming times This is the front end design how users will see it. One of many category to visualize how other categories will look like .

Home    Review    Category ▾				
ALL Product Review Is Here				
Image	Product Name	Product Type	Comment	Rating
	Comic Cafe	Restaurant	Best place for couple ,friends and Family . They served best pasta but their indian set manu platter not good .	4
	PizzaBurg Mirpur	Restaurant	Great place for hangout with friends and family , pizza price in 365Tk . Test very good	5
	flavours music cafe dhanmondi	Restaurant	Very beautiful interior but food quality are not that good	3
	Cafe darbar	Restaurant	familiar place ,great place for hangout ,their pasta test are great , pizza test avg , Drinks price high .	4
	Khanas Cafe	Restaurant	Their Beef Sub and their mini Sandwich are too good ,Their oreo milk shake are amazing , But crowed place	4

Figure 4.7: “Category-Restaurant” for Online Review System

Another category as an example

Image	Product Name	Product Type	Comment	Rating
	toyota aqua	Car	Hybrid drivetrain: Front-Wheel Drive Curb weight: 1,100–1,140 kg (2,425.1–2,513.3 lb) Battery: 0.9 kWh Nickel-metal hydride Transmission: CVT	3
	toyota premio 2015	Car	The Premio is an upscale, and more luxurious sedan in comparison to the Allion , the vehicle with a 1500 cc engine.	5
	bmw x1	Car	The X1 earns highly competitive fuel-economy ratings from the EPA	5
	AUDI RS7	Car	Its 4.0-litre twin-turbo V8 produces the same 592bhp as the outgoing RS7 Performance,	5

Figure 4.8: “Category-Car” for Online Review System

That's how different category will look at the website

Home    Review    Category ▾				
ALL Product Review Is Here				
Image	Product Name	Product Type	Comment	Rating
	LG	Mobile	Very good camera , premiam quality display	3
	MI note 7 pro	Mobile	The Redmi Note 7 Pro is one of the most feature packed phones in its price bracket, bringing a premium design, capable octa-core processor, 48-megapixel camera,	5
	iphone xs max	Mobile	Huge 6.5-inch Screen with Super Retina Display. Faster Face ID with the smartest and most powerful chip.	5
	iphone 8plus	Mobile	Double camera , long batery backup	4
	samsung S9+	Mobile	infinity display , long betary backup , smoot touch ,fingerprint ,water proof	5
	Samsung Galaxy S8+	Mobile	very good batery backup.infinity display.8GB RAM .ALL app run vary fast	5

Figure 4.9: “Category-Cell-phone” for Online Review System

## Back-end Design

Back-end is most certainly admin view. Only they should protect the access and design the view that make the work easier. Implementing PHP and MYSQLI the back-end design look similar to this.



The screenshot shows the phpMyAdmin interface for a database named 'sessionpractical'. The table 'review' is selected, and its structure is displayed. The table has the following columns: ID, Device, Category, Description, and Rating. The data rows are as follows:

ID	Device	Category	Description	Rating
9	Samsung Galaxy S8+	Mobile	1.infinity display 2.fast app run 3.great camera...	5
10	Samsung Galaxy S8+	Mobile	1.infinity display 2.fast app run 3.great camera...	5
11	Tyota Premio	Car	1.great interior 2.1500CC engine	3
12	BMW	Car	1.great interior 2.2700 CC engine	4
13	BMW	Car	1.great interior 2.2700 CC engine	3
14	v7 toner	Cloths	good for skin	4
15	lipsticl	Cloths	good for lip	3
16	CAR	Car	rim / Edition: HYBRID Z STYLE PEARL Model ...	3
17	BMW	Car	outstanding	3
25	iphone11	Mobile	nice one	3
31	Samsung Galaxy S10+	Mobile	infinity display, very good battery backup , 8gb r...	5

Figure 4.10: “Back-end Design Demo” for Online Review System

## Interaction design and UX

Interaction design is the relationship between the system and the user. That is, the interaction design between a user and a system is called interaction design. We have tried our best to keep up with this .

## **Implementation Requirements**

### **1. Privacy and Security Maintenance:**

When a user visit a website, they at first concern about their security. As they visit there for giving their review about a product so for this first of all they need to log in. Without log in no one can give their reviews and for log in they have to register first. Registered data will be kept safely in database .One user cannot see another users information. If any dishonest review seem to bother other users they can mention it directly to the admin panel to remove it.

### **2. Performance :**

Performance should be very smooth when a user visit to give a review in website. Trending updates r available in this website. Like if any user is not wanted to comment a review or want to avoid writing something they can review by rating in a product. By rating system many users can save their time. Actually when it comes to performance about a website it should always up to date. which feature is now trended or which thing is really need or demand for a user is always important part in performance.

### **3. Simple Interface :**

Simple interface is very important for users. If the interface is critical sometimes users get puzzled. It wouldn't worked out for user as expected. There are some categories user who are always ready to use any kind of user but we should think about bigger percentage of people who can use this website for make their shopping life easy. By giving a review many people can easily get a knowledge about a product. Sometimes just only giving by a rating.

### **4. Fault Tolerance :**

Our website is always on under surveillance. If there is any bug seen in the site it will try to resolve very fast. Sometimes While submitting something it redirect the page which is very irritating for a user, so about this admin should always kept eye in the site .

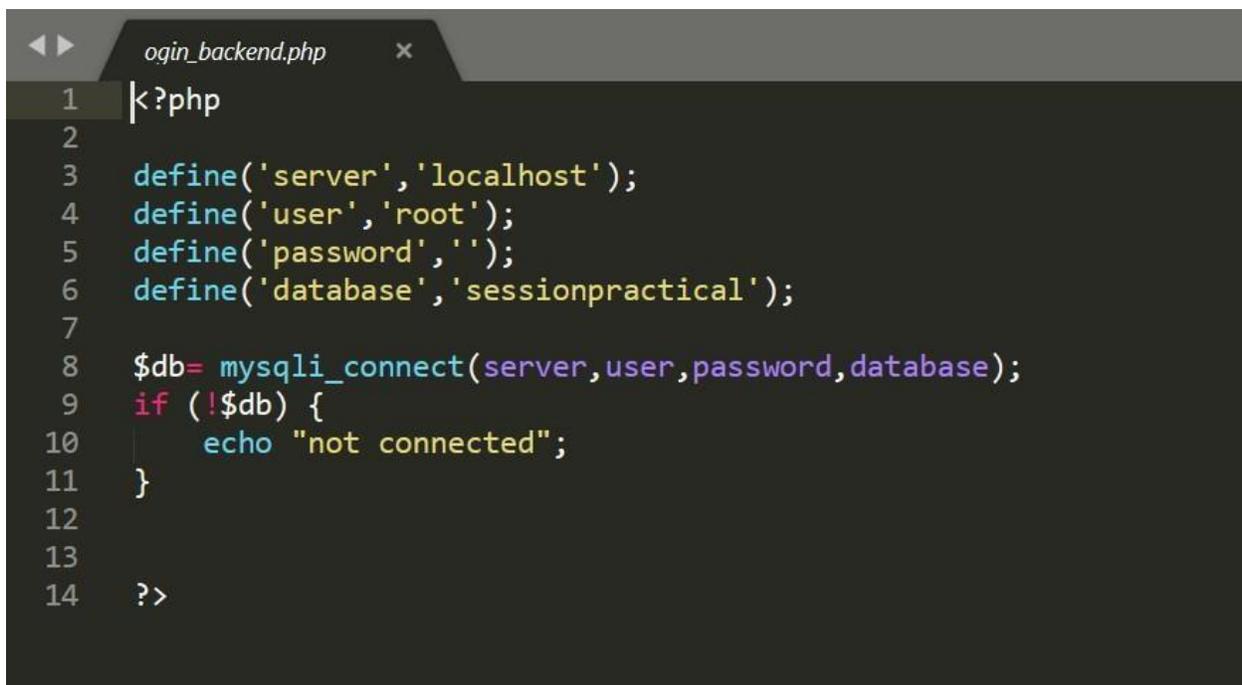
## CHAPTER 5

### IMPLEMENTATION AND TESTING

#### Implementation of database

Implementation of database starts with a successful database connection to the all related page.

Here is the declaration of successful database connection .

A screenshot of a code editor window titled 'oqin\_backend.php'. The code is as follows:

```
1 <?php
2
3 define('server','localhost');
4 define('user','root');
5 define('password','');
6 define('database','sessionpractical');
7
8 $db= mysqli_connect(server,user,password,database);
9 if (!$db) {
10     echo "not connected";
11 }
12
13
14 ?>
```

Figure 5.1: “Database connection by PHP” for Online Review System

## Creating tables afterwards database connection

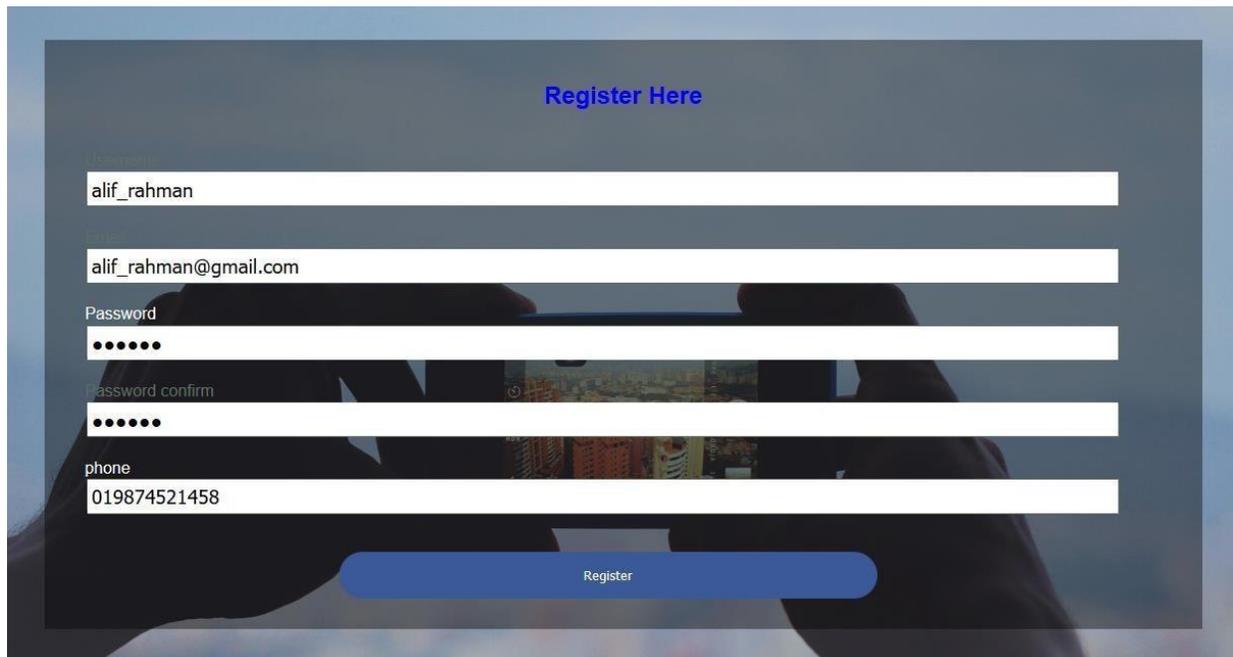


Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> log	★ Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16 KiB	-
<input type="checkbox"/> review	★ Browse Structure Search Insert Empty Drop	11	InnoDB	utf8mb4_general_ci	16 KiB	-
<input type="checkbox"/> signin	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16 KiB	-
<b>3 tables</b>	<b>Sum</b>	<b>16</b>	<b>InnoDB</b>	<b>utf8mb4_general_ci</b>	<b>48 KiB</b>	<b>0 B</b>

Figure 5.2: “Database connection by PHP implementation” for Online Review System

## Implementation of Front-end Design

Register and submit the information to go further steps has been implemented. The front implementation along with database give the expected outcome.



**Register Here**

Username  
alif\_rahman

Email  
alif\_rahman@gmail.com

Password  
•••••

Password confirm  
•••••

phone  
019874521458

Register

Figure 5.3: “Data insertion from Registration page” for Online Review System

After passing the previous step effectively log in evaluates with the database and let the user get proper benefits of this website.



Figure 5.4: “Log In successfully” for Online Review System

### Implementation of Interaction

The review form filling and proving user’s experience is the main motive of this

Figure 5.5: “User interaction with the website” for Online Review System

The valuable reviews are kept in the database as soon as they click the submit button . Therefore it adds in the database

Online Review Home Review Catagory Find Your Product

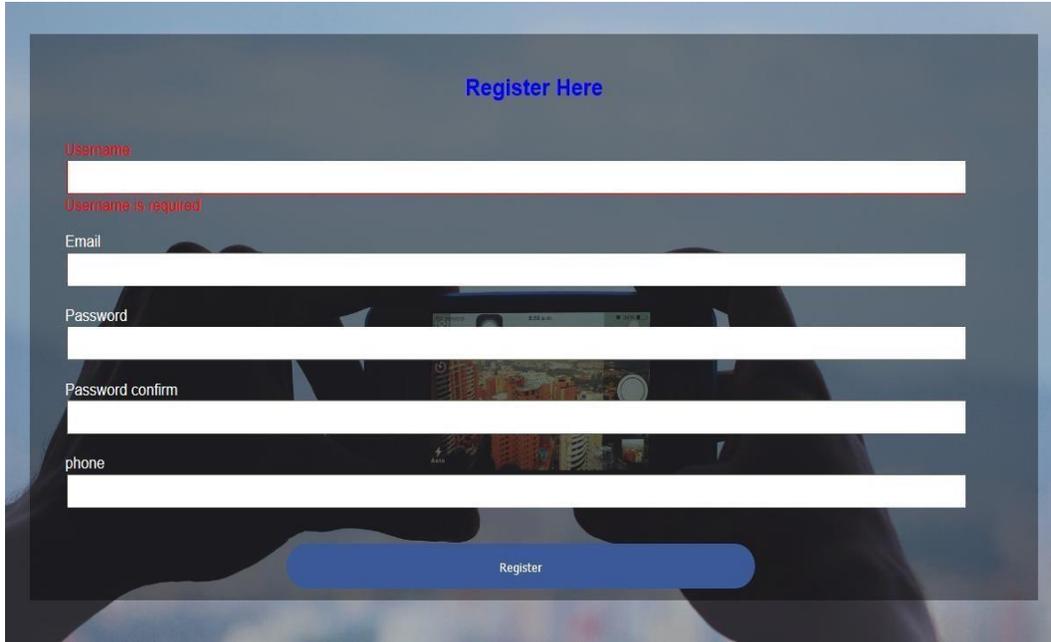
ALL Product Review Is Here

Image	Product Name	Product Type	Comment	Rating
image	Samsung Galaxy S8+	Mobile	1.infinity display 2.fast app run 3.great camera feature	5
image	Samsung Galaxy S8+	Mobile	1.infinity display 2.fast app run 3.great camera feature	5
image	Tyota Premio	Car	1.great interior 2.1500CC engine	3
image	BMW	Car	1.great interior 2.2700 CC engine	4
image	BMW	Car	1.great interior 2.2700 CC engine	3
image	v7 toner	Cloths	good for skin	4
image	lipsticl	Cloths	good for lip	3
image	CAR	Car	rim / Edition: HYBRID Z STYLE PEARL Model year: 2015 Condition: Reconditioned Transmission: Automatic Body type: SUV / 4x4 Fuel type: Octane, Other fuel type Engine capacity: 1,500 cc Kilometers run:	3
image	BMW	Car	outstanding	3
image	gsdfgdsfg	Electronics	fgfdgdg	3
image	gsdfgdsfg	Electronics	fgfdgdg	3
image	gsdfgdsfg	Electronics	fgfdgdg	3
image	gsdfgdsfg	Electronics	fgfdgdg	3
image	gsdfgdsfg	Electronics	fgfdgdg	3
image	gsdfgdsfg	Electronics	fgfdgdg	3
image	fsdzfsdzfs	Car	dgdsdsg	3
image	fsdzfsdzfs	Car	dgdsdsg	3
image	iphone11	Mobile	nice one	3
image	Samsung Galaxy S10+	Mobile	infinity display, very good battery backup , 8gb ram for this app run very fast , best mobile camera for phtography	5

Figure 5.6: “ Implementation of interaction successful ” for Online Review System

## Testing Implementation

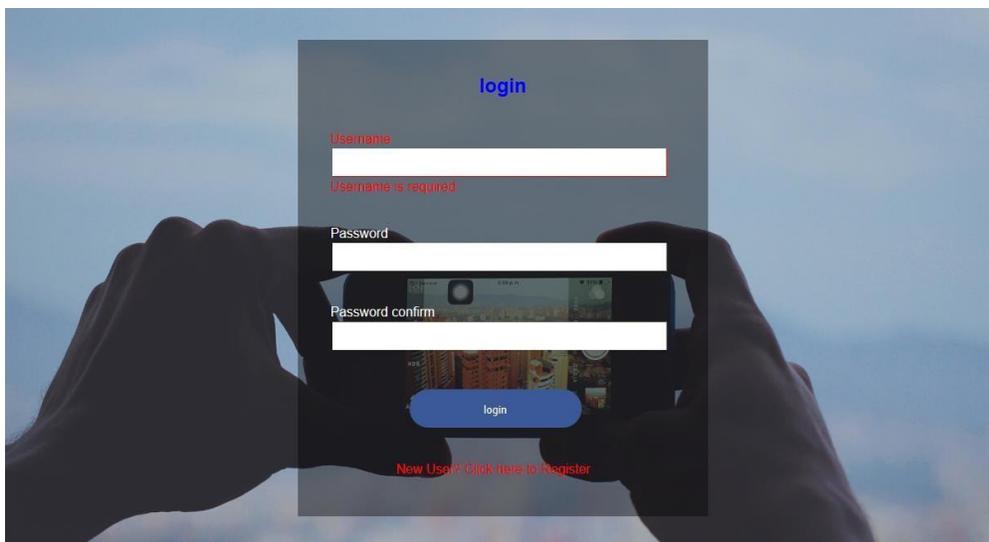
Registration page is validated in case of skipping information . The following figure is describing to finish all the task which are required.



The screenshot shows a registration form titled "Register Here" in blue text. The form contains five input fields: "Username", "Email", "Password", "Password confirm", and "phone". The "Username" field is highlighted with a red border, and a red error message "Username is required" is displayed below it. A blue "Register" button is located at the bottom of the form.

Figure 5.7: “ Required Registration” for Online Review System

Even in the login section skipping information will not take any user into their willing function.



The screenshot shows a login form titled "login" in blue text. The form contains three input fields: "Username", "Password", and "Password confirm". The "Username" field is highlighted with a red border, and a red error message "Username is required" is displayed below it. A blue "login" button is located at the bottom of the form. Below the button, there is a red link that says "New User? Click here to Register".

Figure 5.8: “Required Log in ” for Online Review System

Users can both see all the products review at a time but it'll be easier for them to watch or search products review by indicating categories

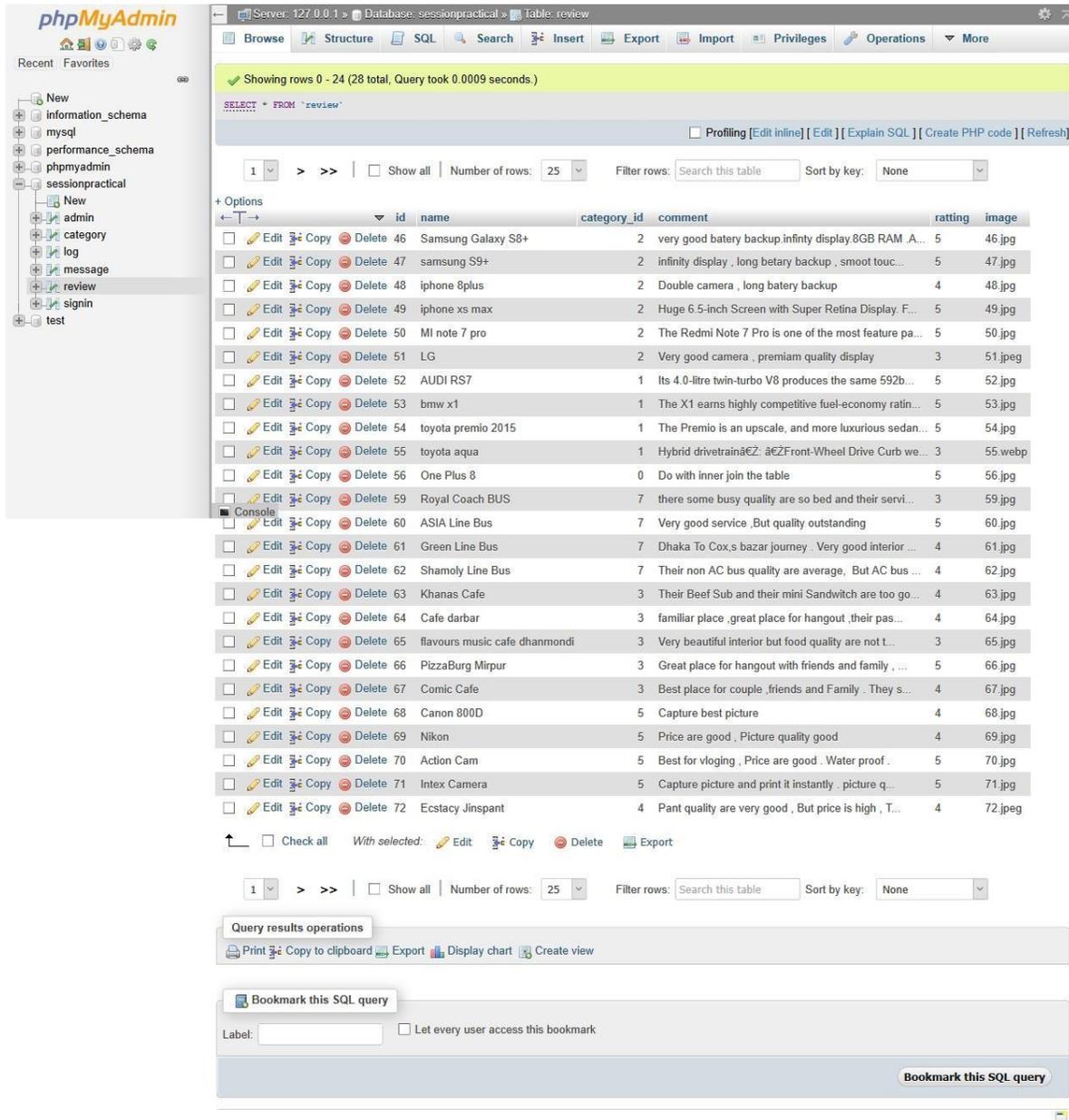


Figure 5.9: “Reviews” for Online Review System

## Test results and reports

All the Test results give the verification of the website working properly as it should.

Table 5.1: Test results and Report

<b>Test Case</b>	<b>Input</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>Ultimate Result</b>	<b>Last Tested</b>
See Review	Click on the link or home page	Users should see the front page	Users can see the home page	Passed	4-11-2019
Sign up for write Review	Click on either Log In page or Registration page	User should register or log in from the page	User can register or log in from the page	Passed	4-11-2019
Write Review	Click on Review page and a form show up	Review form should be work and submit properly	Users can fill up the review form and submit.	Passed	4-11-2019

## **CHAPTER 6**

### **CONCLUSION AND FUTURE SCOPE**

#### **Discussion and conclusion**

To know the usefulness of a product, it is very important to know the consumer reviews. So the review system is very important. A consumer always wants to enjoy the highest utility of a product, so he wants to be sure before buying anything. Therefore, reviews are needed to be sure about the quality and suitability of the product. Our website is designed to solve this problem for consumers. Hopefully our website will be helpful to the user. People's time and money have become one of the best valuable things these days. As they want to spend their time and money without judging most of their time so a website like this is needed in their daily life. Actually in short when a user wants to buy something very quality he/she could keep their eyes on our website to get an authentic review for their products. Cause everyone wants a best product for themselves. Money is very important for our lives so we can't spend our money in a wrong place. So our website is very effective for our users.

#### **Scope for further developments**

We have many plans for this website in the future, we will update more to increase users. We will add new products. Add a new feature. We will try to be more Secure, User Friendly as well. Let's look at how the user can use it very easily. We will add more new features for its privacy. Then we plan to make it a mobile application to approach more to the users. For developing further this is the thing we have to complete as soon as possible. Other than that we need to add more categories as per the users demand. This is what we will gradually aim for after observing users needs. And there are things we still don't have planned for but will do with the trends. For further scope we decided to add a chat box so that a user can easily contact with admin. Cause admin panel is of course important for any kind of websites. When we will think as a user sometimes we face lots of problems and we can sometime complain about some fake reviews or fake id although our

website is already protected but still if there we can see any kind of fake people we can directly complain to the admin. On the other hand we want to make our website secure so we want to create a option which is called report. By this option if any fake id is being appeared then users can easily report that id so users should not have to wait for the admin.

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