

Web Based Bazar Price Comparison System

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

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APPROVAL

This Project titled “**Web Based Bazar Price Comparison System**”, submitted by Md. Daud-Uz-Zaman. Akash, ID: 142-15-3527, Md. Mashukul Haque, ID: 142-15-3639, 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 7th May, 2018.

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DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Mr. Shah Md Tanvir Siddiquee, 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.

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ABSTRACT

With the advantage of technology, now internet is available in our world. Anyone can access internet anywhere in the world. For extending web technology our life style is change so much. Within a short time we can access lot of service from anywhere. We don't need go outside for getting any service. People often face problems to buy daily groceries and other food items like fish, meat and fresh vegetables. The price of products varies from one shop to another or one market to another which makes us confused and it is really time consuming to find better quality product in cheap price. We are try to make a web applications named is **Web Based Bazar Comparision System**. Using this web application user can know the exact price of daily groceries and other food items like fish, vegetables, meat. Users can know the exact bazar price anytime from anywhere. This web application will provide the most recent price of any product from different markets and the users can also compare the price to find the cheapest one The admin can also control and manage the products, Shops. After implementation of all functions, the system is tested in different stages and it works successfully as a prototype.

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CHAPTER 1

INTRODUCTION

1.1 Introduction

21st century is the era of science and technology. In the past couple of years we have witnessed tremendous growth of online service provider all over the world. People's now try to save their times and money and want to access all service in online platform. Now this time, service Provider Company is available worldwide. Some company cross there border, and provide service and product anywhere. Now a day's online bazar price comparison system provides also a great growing e-system. The world is growing fast by the help of e-system. Now a day almost every sector are dependent upon e-system because of its time and money saving strategy. In this modern era everything is becoming easier. We decide to make life easier by our Web Based Bazar Comparison System/Compare Bazar (CB). There are many shop and various products. The price of products varies from one shop to another or one market to another which makes us confused and it is really time consuming to find better quality product in cheap price. CB will help you to choose best quality product at a cheap rate from your trusted shops. CB will save both of your time and money. People can't even know the exact price without going to the market of their own but this system will help them to know the exact price of any product from anywhere. CB will provide the most recent price of any product from different markets and the users can also compare the price to find the cheapest one. The premium user will get notification about if there any discount on any product. This will be the first project in Bangladesh about online bazar price monitoring. CB will help you to purchase your daily needs.

1.2 Motivation

The main motivation is to save both time and money and also to prove our ability as a quality full web developer. By developing this project we can ensure that there will not be hazard to buy daily groceries any more.

1.3 Objectives

The main objective of this project is to provide service among people daily.

- CB is a web based application.
- To ensure right price of various products.
- To ensure services directly via online interaction between client and admin.
- User friendly and dynamic.
- We will provide much valuable information through email to users.
- To ensure secured information.

1.4 Expected Outcome

The main Outcome of our project

- To save time.
- To save money.
- Access from anywhere and work perfectly.
- Compare different prices form different shops.
- Premium users will get notification if there are any discounts.
- The purpose of the project is to reduce the hazard of buying daily groceries.

1.5 Report Layout

Chapter 1: Introduction

We have described introduction of our project, motivation, objectives, expected outcome.

Chapter 2: Background

We have described my system full overview, related work, comparative studies, challenges of our project and future scope of our project.

Chapter 3: Requirement Specification

We have described about different types of model and diagram, use case diagram, requirement collection and analysis, logical data model.

Chapter 4: Design Specification

We have described about our project's front-end design, back-end design, interaction design and ux, implementation requirements, test results and reports.

Chapter 5: Implementation and Testing

We have described about implementation of database, implementation of front-end design, implementation of interactions, testing implementation.

Chapter 6: Conclusion and Future Scope

We have described is Conclusion and Future Scope of our project.

CHAPTER 2

BACKGROUND

2.1 Introduction

In every city of Bangladesh specially in Dhaka most of the people are service holder. People often face problems to buy daily groceries and other food items like fish, meat and fresh vegetables. The price of products varies from one shop to another or one market to another which makes us confused and it is really time consuming to find better quality product in cheap price. Generally most of the people of Dhaka city don't have enough time to go to the market of their own. So they often have to send their servants to the market. People can't even know the exact price without going to the market of their own. That's why we are going to introduce a new a web application which will help to know the most recent bazar price of any product from anywhere. By using our site the users can know the exact bazar price anytime from anywhere.

2.2 Related Works

We did not find any similar project which compare daily bazar price from different shops. But there are some price comparing for hotels, banks like trivago, bankcomparebd.

2.3 Comparative Studies

There are a few super shops in Bangladesh like Swapno, Agora, Meena Bazar etc. People always feel confused when the go for shopping. The price of products varies from one shop to another or one market to another which both costs time and money. By using our web application users can get their daily needs at cheapest price from trusted shops because in our web application user can compare different price of different product within a very short time. Actually the goal of our project is to decrease the hazard of shopping and we can ensure that [10].

2.4 Future Scope of the Project

Now a days people largely deepened on internet. Most of the work we do online. Online makes our life easier. Now we can get a lot of benefits while we are online. Now people want almost everything to be digitalized. We can order foods, dress, books, tech devices, home appliances through online. Now a days it is very difficult to find good quality product in a reasonable price. People are so busy that they don't have enough time to compare price of different products to find the cheapest one. This web application will do that for you. It will compare and show you the cheapest price of a product from different shops. It will minimize the hazard for you. By using this application people can save both time and money. Actually that is what people want now a days. So there is a big scope for this project in future.

2.5 Challenges

There are a few challenges for our project. At first we have to entry our data manually which is time consuming. Second one is to convince the super shops owner to share and use their data. Third one is to make people to use our web application and the advertising cost. We are working to reduce the challenges.

CHAPTER 3

REQUIREMENT SPECIFICATION

3.1 E-R Diagram

Following figure shows the total E-R (Entity-Relationship) diagram [13].

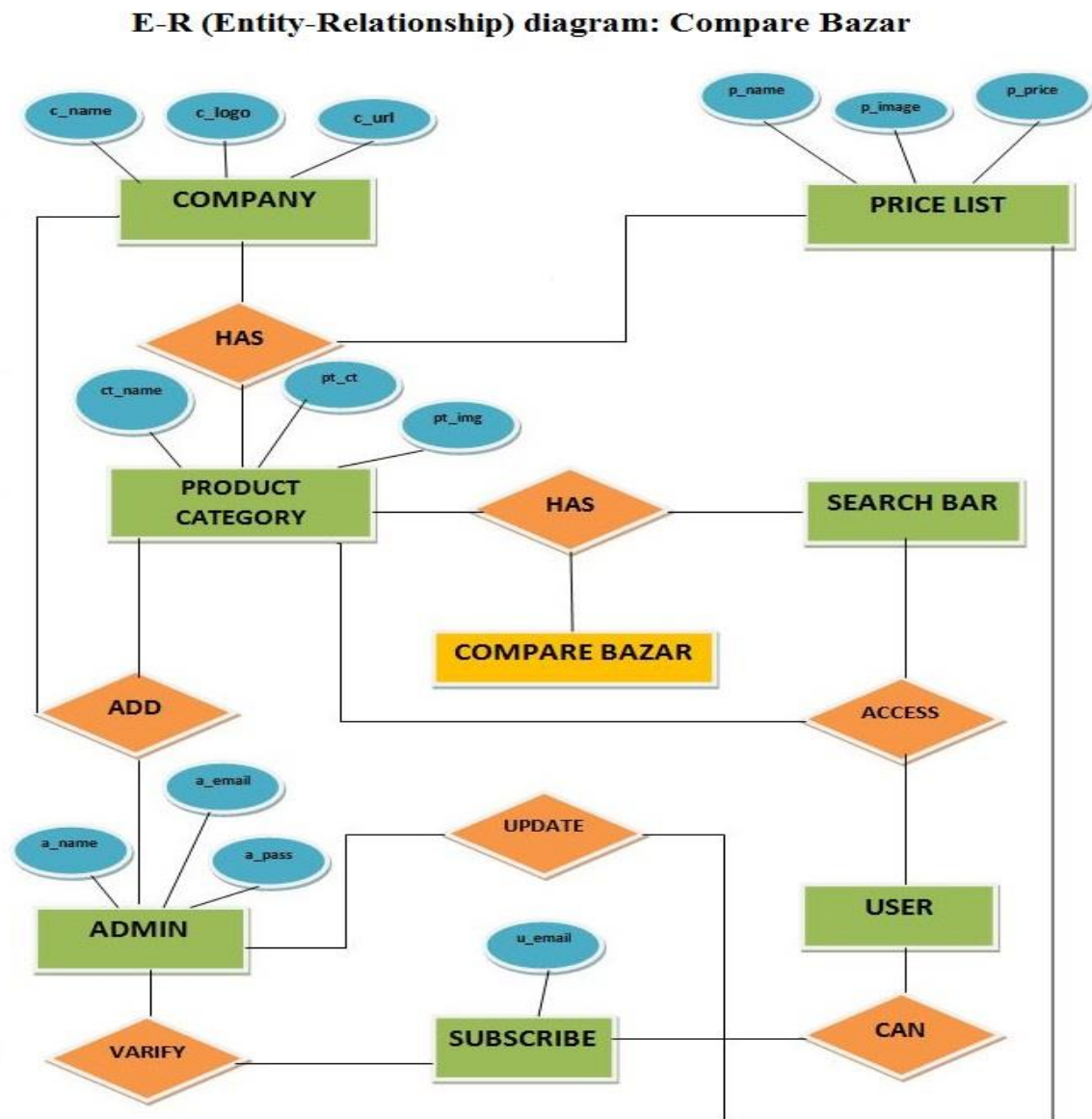


Figure 3.1: E-R(Entity-Relationship) Diagram

3.2 Requirement collection and analysis

For the sake of collection of data first we targeted and gathered price list of a few products from three super shops. Then we stored the price list in our database and tasted that if a user wants to know the most recent price of a valid product, all he/she has to do just search for the product and most recent price of that particular product from different store showed up and the rate of success was 99%. Then we had to travel through different shops and online services for gathering more information of products.

3.3 Use Case Modeling and Description

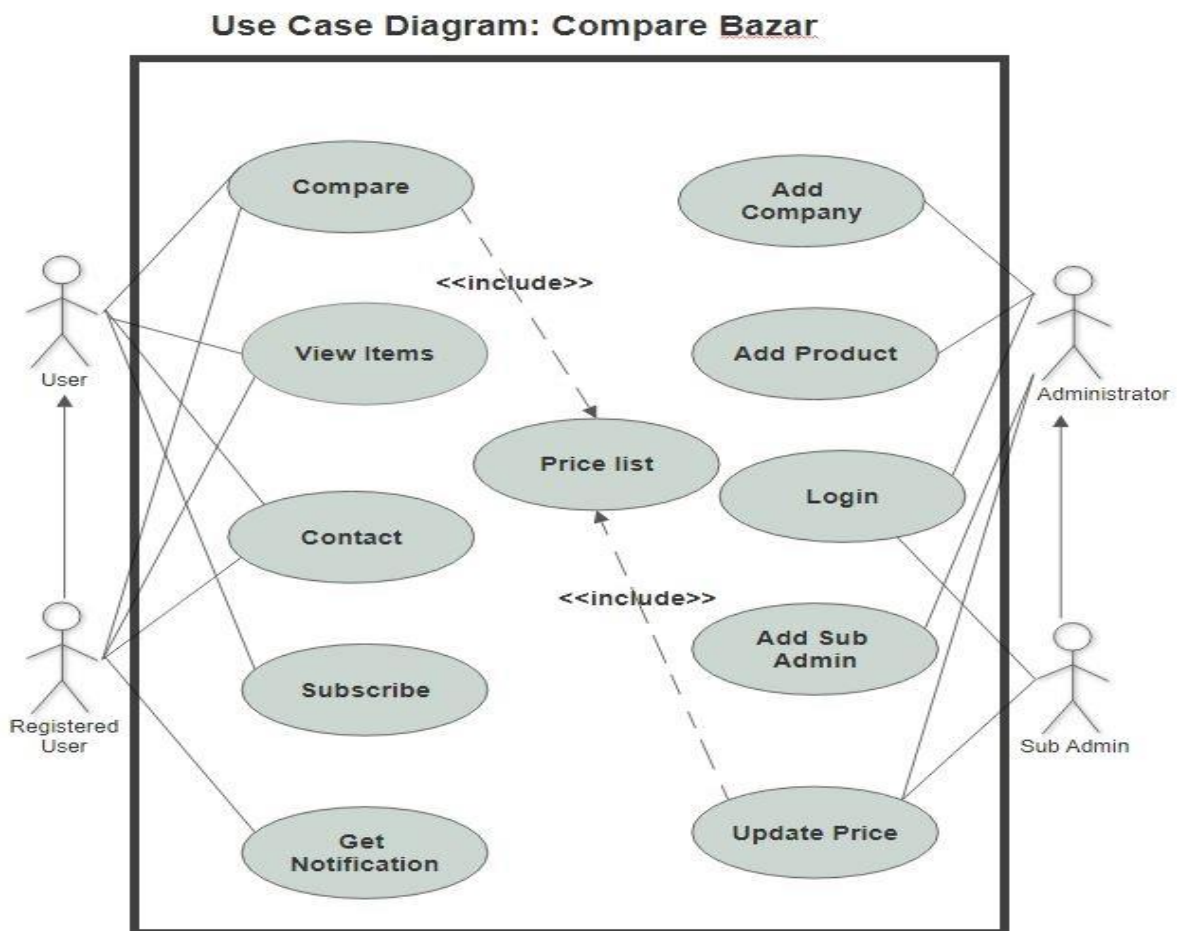


Figure 3.2: Use Case Diagram

3.3.1 Use case narrative for User

3.3.1.1 Compare

Use case: Compare

Actor: user

Pre-condition:

- Turn on internet connection.
- Any kind of web supported device
- Find the product from product category.
- Enter the product name in search bar.

Scenario:

- User can see all the available products from different shops with compared price list

Alternative Scenario: Check the internet connection, if user is not connected.

Post-condition: The user will successfully compare the price.

3.3.1.2 View Item

Use case: View item

Actor: User

Pre-condition:

- Turn on internet connection.
- Go to product category.

Scenario:

- User can see all the available products and there prices.
- User can scroll top to down and vice versa.
- User can select any product to know the price.

Alternative Scenario: Check the internet connection, if user is not connected.

Post-condition: User can view all the available products and there prices.

3.3.1.3 Contact

Use case: Contact

Actor: user

Pre-condition:

- Turn on internet connection.
- Valid email
- Name
- Subject
- Message

Scenario:

- User can send mail to admin.

Alternative Scenario: Check the internet connection, if user is not connected.

Post-condition: User can send feedback to admin.

3.3.1.4 Subscribe

Use case: Subscribe

Actor: user

Pre-condition:

- Registered email.
- Turn on internet connection.

Scenario:

- User can subscribe.

Alternative Scenario: Check the internet connection, if user is not connected.

Post-condition: User will be successfully subscribed.

3.3.1.5 Get Notification

Use case: Notification

Actor: user

Pre-condition:

- Only subscribed user will get discount notification.
- User needs to be connected to internet.

Scenario:

- User can receive a notification if there any kind of discount on any product.

Alternative Scenario: Check the internet connection, if user is not connected. User will not receive any notification if there is no internet connection.

Post-condition: Specific user will receive notification about discount.

3.3.1.6 Login

Use case: Login

Actor: Admin

Pre-condition:

- Registered email and password.
- Turn on internet connection.

Scenario:

- Admin can login to the admin panel.

Alternative Scenario: Check the internet connection, if admin is not connected.

Post-condition: Admin will successfully login to the admin panel.

3.3.1.7 Add Company

Use case: Add company

Actor: Admin

Pre-condition:

- Turn on internet connection.
- Company name.
- Company logo.
- Company url.

Scenario:

- Admin will add new company or shop from admin panel.

Alternative Scenario: Check the internet connection, if admin is not connected.

Post-condition: A new company will be created which will contain various kinds of products.

3.3.1.8 Add Product

Use case: Add Product

Actor: Admin

Pre-condition:

- Turn on internet connection.
- Add name.
- Add category.
- Add image.
- Add url.

Scenario:

- Admin can add new product under new category

Alternative Scenario: Admin's device has to be connected to internet.

Post-condition: A new product will be added on the system.

3.3.1.9 Add Sub Admin

Use case: Add Sub Admin

Actor: Admin

Pre-condition:

- Turn on internet connection.
- Particular email id and password.
- Particular user name.
- User type.

Scenario:

- Admin can add a new sub admin

Alternative Scenario: Admin's device has to be connected to internet.

Post-condition: A new sub admin profile will be created.

3.3.1.10 Update Price

Use case: Update price

Actor: Admin, Sub admin.

Pre-condition:

- Turn on internet connection.
- Select company.
- Select category and sub category.
- Date.
- Product name.

Scenario:

- Admin can add and update price of products.

Alternative Scenario: Admin's device has to be connected to internet.

Post-condition: Price of the products will be updated

3.4 Logical Data Model

The most creative and challenging phase of the system development life cycle is design. To simplify the design to understand we explain some few parts of our application. The main user interface of our application has two parts one is Searcher Part and other is Compare Part. A logical design of my application is given below [15].

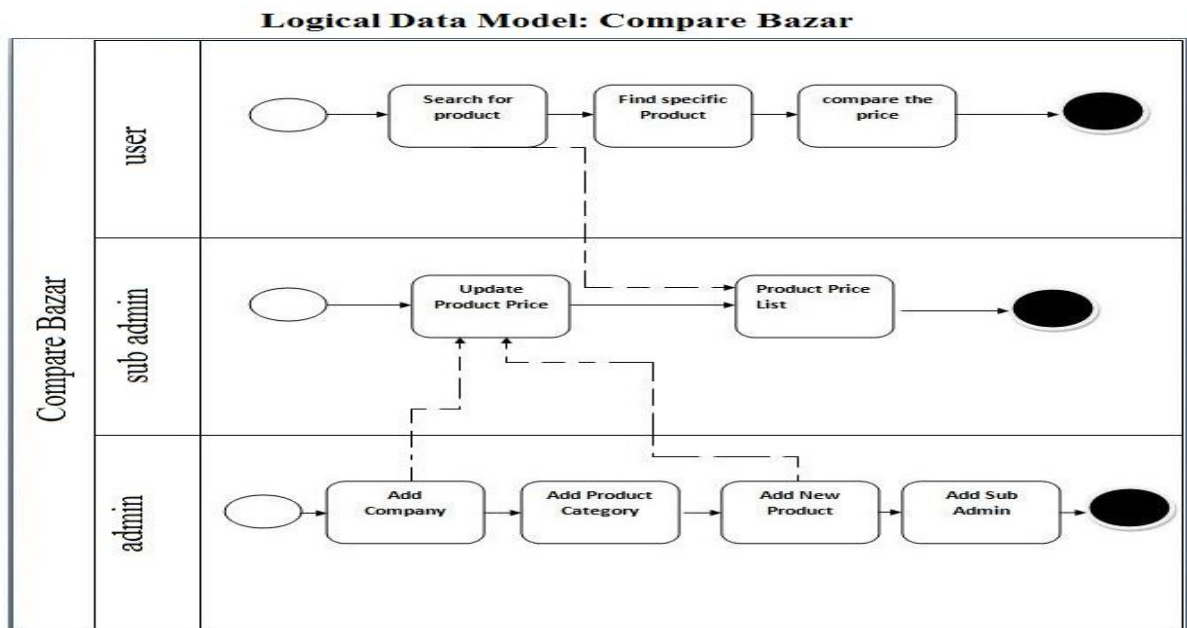


Figure 3.3: Logical Data Model

3.5 Design Requirements

For the development of a website there must be specific designs. Design is effective and essential for a website. There must be front-end design, Back-end design and interaction design. Design should be in a way which is user friendly and user feel comfortable using website. The color combination and specification should be unique. For all design there must be some related work like html, css, bootstrap, jquery etc.

CHAPTER 4

DESIGN SPECIFICATION

4.1 Front-end Design

Front-end is the part of any website which is visual to the user. User can interact with the back-end and also with database through the front-end. We will discuss about the initial front-end design in this part.

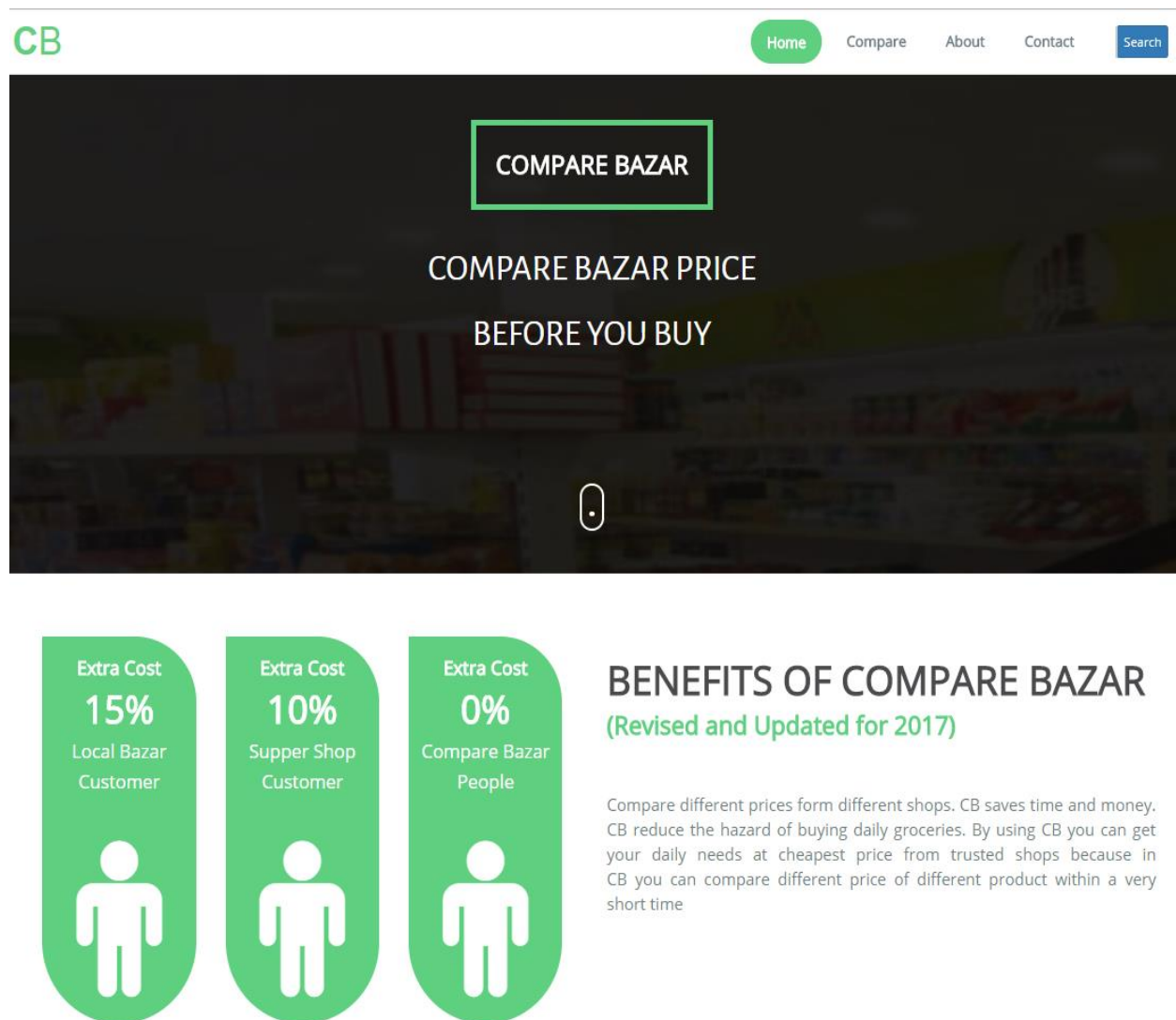


Figure 4.1: Initial home page upper part

Products Category



FRUITS & VEGETABLES



MEAT & FISH



Cooking Essential



Dairy Products



Biscuits & Cakes



BABY FOOD & CARE



CHOCOLATES & CANDIES



DRINKS

Subscribe Now

Enter Your Email Address For Real Time Bazar Update

Subscribe

Figure 4.2: Initial home page lower part

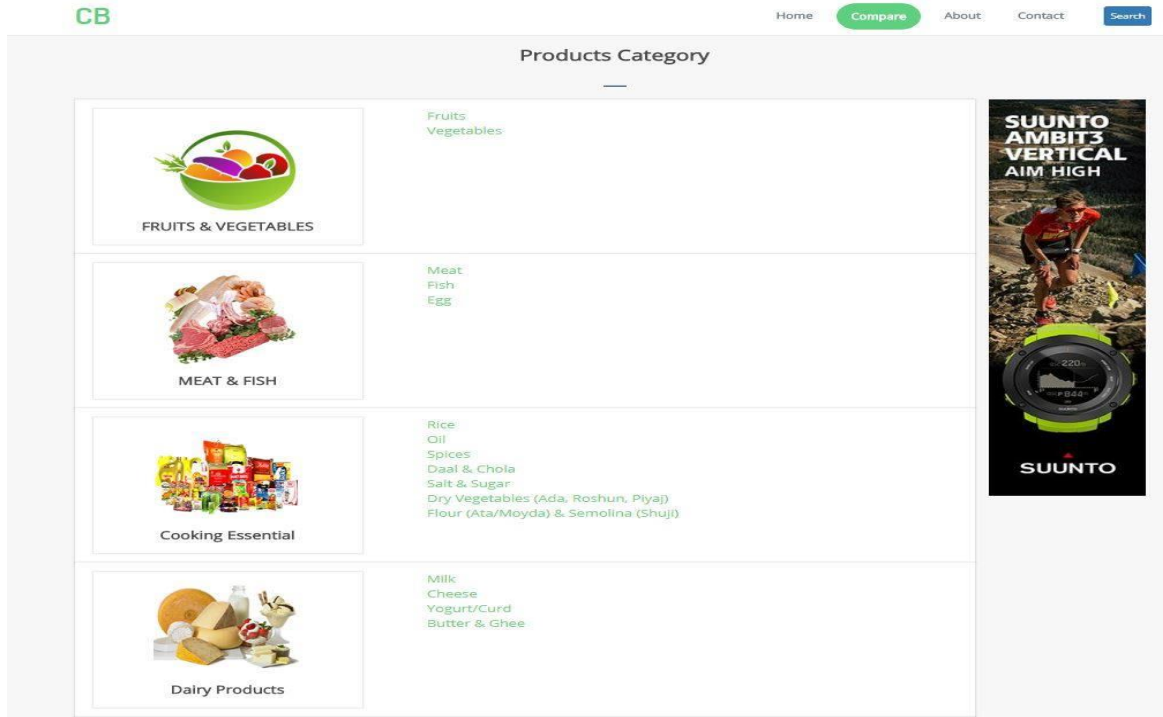


Figure 4.3: Compare via category

The screenshot shows a comparison table for 'beef' products. The table has three main columns: Company, Product Name, and Current Price. A sidebar on the left shows a 'Products Category' menu with various categories like 'FRUITS & VEGETABLES', 'MEAT & FISH', 'Meat', 'Fish', 'Egg', 'Cooking Essential', 'Dairy Products', 'Biscuits & Cakes', 'BABY FOOD & CARE', 'CHOCOLATES & CANDIES', and 'DRINKS'.

Company	Product Name	Current Price
meena click Meena Bazar Online Store	beef	Tk. 480 kg Detail
Chaldal	beef	Tk. 490 kg Detail
Agora	beef	Tk. 500 kg Detail
	beef	Tk. 505 kg Detail

Figure 4.4: Compare via product




About Compare Bazar

In every city of Bangladesh most of the people are service holder. People often face problems to buy daily groceries and other food items like fish, meat and fresh vegetables. The price of products varies from one shop to another or one market to another which makes everyone confused and it is really time consuming to find better quality product in cheap price. Generally most of the people don't have enough time to go to the market of their own. People can't even know the exact price without going to the market of their own. CB will help to know the most recent bazar price of any product from anywhere. By using CB you can know the exact bazar price anytime from anywhere.

BENEFITS OF COMPARE BAZAR

Compare different prices form different shops. CB saves time and money. CB reduce the hazard of buying daily groceries. By using CB you can get your daily needs at cheapest price from trusted shops because in CB you can compare different price of different product within a very short time.

<p>Extra Cost</p> <p>15%</p> <p>Local Bazar Customer</p> 	<p>Extra Cost</p> <p>10%</p> <p>Supper Shop Customer</p> 	<p>Extra Cost</p> <p>0%</p> <p>Compare Bazar People</p> 
---	---	--

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Figure 4.5: About page

CB
Home Compare About **Contact** Search

WE WOULD LOVE TO HEAR FROM YOU

Your Name	Message
Your Email	
Subject	

SEND EMAIL

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Figure 4.6: Contact page

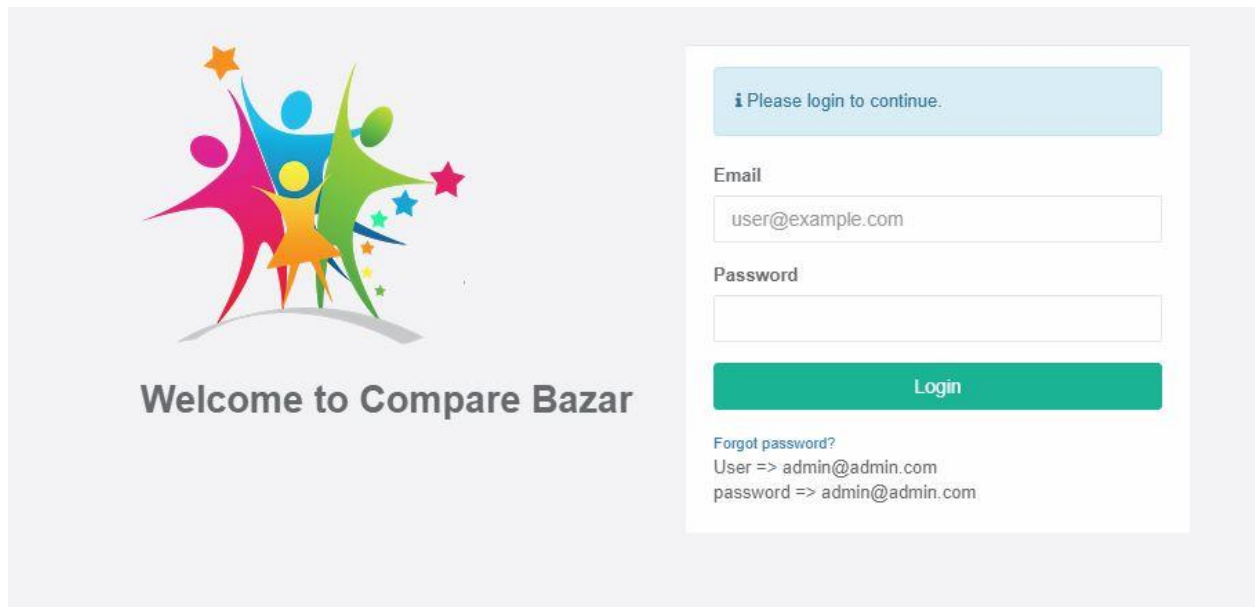


Figure 4.7: Admin login page

4.2 Back-end Design

In this part the back end is designed the way that database and other required features can be easily retrievable for both developer and user. Back end is very essential part of the app and it is designed according to the plan so that it is comfortable for the user and they can easily access and use it.

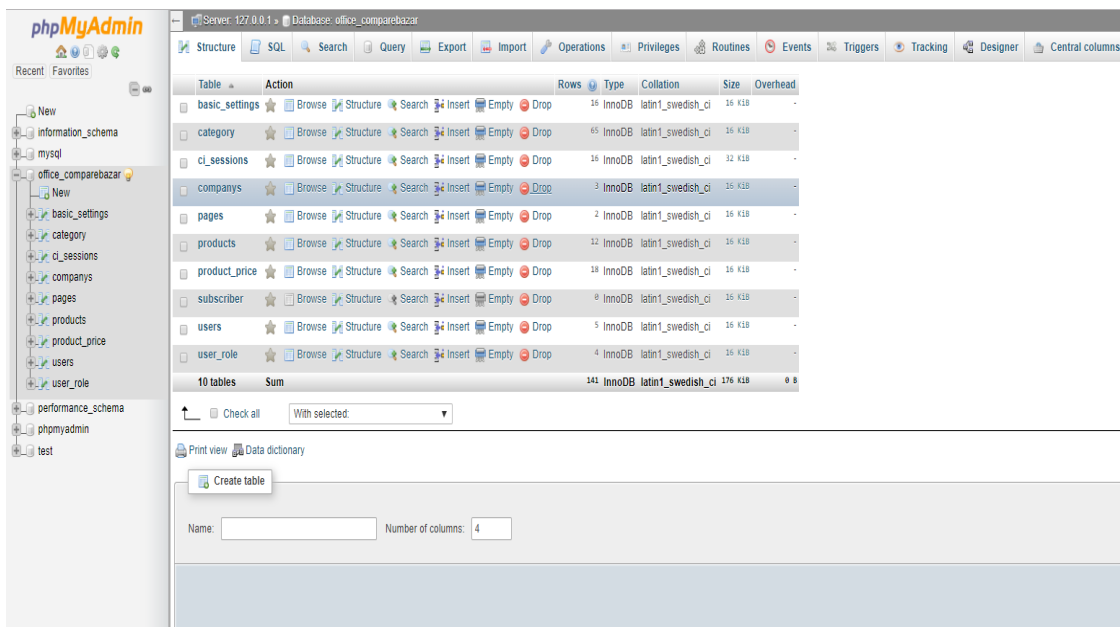


Figure 4.8: Initial Database

Database: comparebazar » Table: category

Sort by key: None

Options	id	name	parent	c_date	u_date	slug	img
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	FRUITS & VEGETABLES	0	2017-11-14	2017-11-14 04:12:17		fv.png
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	MEAT & FISH	0	2017-11-14	2017-11-14 04:12:36		mff.png
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	Cooking Essential	0	2017-11-14	2017-11-14 04:12:50		ce.png
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	Dairy Products	0	2017-11-14	2017-11-14 04:13:04		dm.png
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	6	Biscuits & Cakes	0	2017-11-14	2017-11-14 04:13:57		bc.png
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	7	BABY FOOD & CARE	0	2017-11-14	2017-11-14 04:14:09		bf.png
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	8	CHOCOLATES & CANDIES	0	2017-11-14	2017-11-14 04:14:21		c.png
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	9	DRINKS	0	2017-11-14	2017-11-14 04:14:44		dr.png
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	10	Fruits	1	2017-11-14	2017-11-14 04:15:42		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	11	Vegetables	1	2017-11-14	2017-11-14 04:16:05		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	12	Meat	2	2017-11-14	2017-11-14 04:16:35		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	13	Fish	2	2017-11-14	2017-11-14 04:17:13		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	14	Egg	2	2017-11-14	2017-11-14 04:17:33		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	15	Rice	3	2017-11-14	2017-11-14 04:17:55		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	16	Oil	3	2017-11-14	2017-11-14 04:18:11		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	17	Spices	3	2017-11-14	2017-11-14 04:18:28		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	18	Daal & Chota	3	2017-11-14	2017-11-14 04:18:47		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	19	Salt & Sugar	3	2017-11-14	2017-11-14 04:19:28		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	20	Dry Vegetables (Ada, Roshun, Piyaj)	3	2017-11-14	2017-11-14 04:19:45		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	21	Flour (Ata/Moyda) & Semolina (Shuj)	3	2017-11-14	2017-11-14 04:20:12		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	22	Milk	4	2017-11-14	2017-11-14 04:20:45		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	23	Cheese	4	2017-11-14	2017-11-14 04:21:01		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	24	Yogurt/Curd	4	2017-11-14	2017-11-14 04:21:19		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	25	Butter & Ghee	4	2017-11-14	2017-11-14 04:21:36		
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	26	Breads	6	2017-11-14	2017-11-14 04:22:01		

Figure 4.9: Database of product category

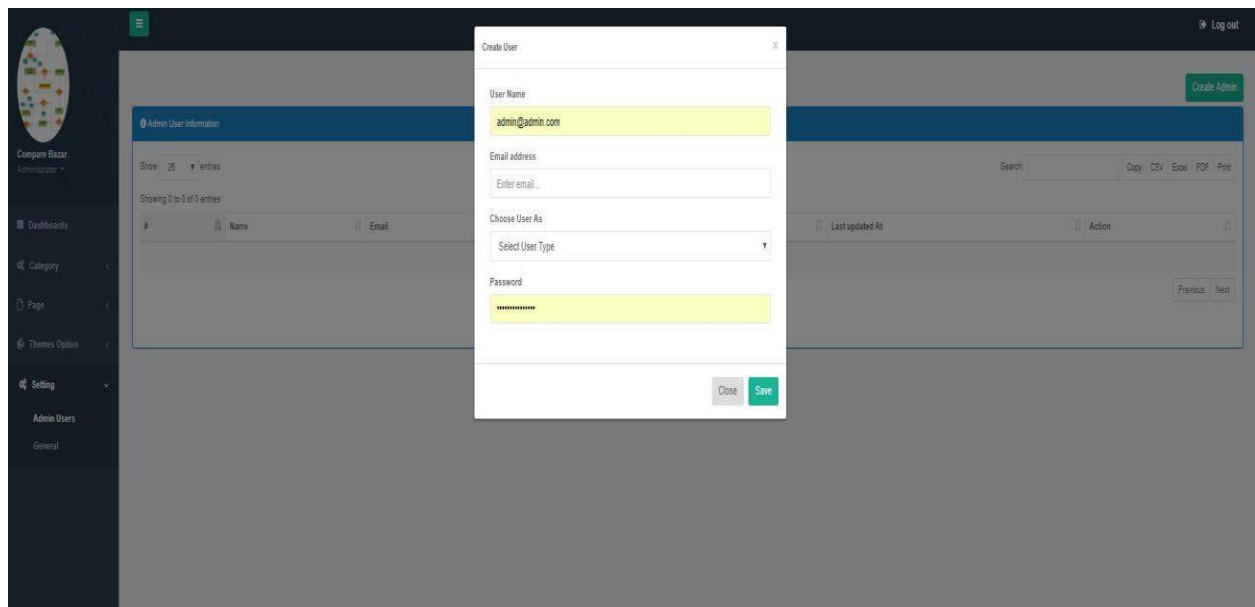


Figure 4.10: Admin Dashboard

The screenshot shows the 'Category Information' page. It features a sidebar with navigation options like 'Dashboards', 'Category', 'Page', 'Themes Option', and 'Setting'. The main content area displays a table with the following data:

Parent Category	Category Name	Date	Action
None	FRUITS & VEGETABLES	Created At : 14/11/17 Update At : 14/11/17	
FRUITS & VEGETABLES	Fruits	Created At : 14/11/17 Update At : 14/11/17	
FRUITS & VEGETABLES	Vegetables	Created At : 14/11/17 Update At : 14/11/17	
None	MEAT & FISH	Created At : 14/11/17 Update At : 14/11/17	
MEAT & FISH	Meat	Created At : 14/11/17 Update At : 14/11/17	
MEAT & FISH	Fish	Created At : 14/11/17 Update At : 14/11/17	
MEAT & FISH	Egg	Created At : 14/11/17 Update At : 14/11/17	
None	Cooking Essential	Created At : 14/11/17 Update At : 14/11/17	
Cooking Essential	Rice	Created At : 14/11/17 Update At : 14/11/17	
Cooking Essential	Oil	Created At : 14/11/17 Update At : 14/11/17	
Cooking Essential	Spices	Created At : 14/11/17 Update At : 14/11/17	

Figure 4.11: Product category page

The screenshot shows the 'New Product' form and the 'All Product Price info' table. The form includes fields for Company, Category, Sub Category, Date, Product Name, Price, and Price Type. The table lists product prices with the following data:

Category	Product Name	Date and price	Action
Fruits	Orange Indian	2018-04-01 to 2018-04-30 150Tk	
Fruits	Coconut	2018-04-01 to 2018-04-30 50Tk	
Fruits	Jalpai	2018-04-01 to 2018-04-30 200Tk	
Fruits	Orange Indian	2018-04-01 to 2018-04-30 145Tk	
Fruits	Jalpai	2018-04-01 to 2018-04-30 210Tk	
Fruits	Coconut	2018-04-01 to 2018-04-30 45Tk	
Meat	beef	2018-04-06 to 2018-04-06 505kTk	
Meat	beef	2018-04-06 to 2018-04-06 510kTk	

Figure 4.12: Product Price Entry page

4.3 Interaction Design and UX

Interaction design is specifically a discipline which examines the interaction (via an interface) between a system and its user. It may also incorporate design focused on how information should be presented within such a system to enable the user to best understand that information though this is often considered to be the separate discipline of “information design” too. User experience design focuses on the overall experience between a user and a product. It is not just concerned with the interactive element but also the way that certain elements look, feels or contrive to deliver certain output [9].

4.4 Implementation Requirements

Requirement specification is most important to develop a website. In my website, I have used html, css, bootstrap, javascript, php, mysql and xmpp.

CHAPTER 5

IMPLEMENTATION AND TESTING

5.1 Implementation of Database

This project is a web based project. Users have to open any browser using mobile or computer. Such as PHP, HTML, MySQL and other design tools are needed to complete this project. The database of this project is implemented and executed by Mysql. After collecting necessary data the database implemented according to plan. Database is developed and executed using Mysql so that data can be easily retrieved [14].

5.2 Implementation of Front-end Design

We build up our web application in HTML5, CSS3 and JavaScript. Bootstrap is used to make the web application responsive. Our home page is most attractive and neat and clean. Our front page is simple. For this reason, it takes short time to load & give the result so fast as fast as possible. Home page is the most important part of a user to use this. After entering URL of this web application users can see home page. Home page contain with service details and company details. User can easily browser full website through this home page [14].

5.3 Implementation of Interactions

This project is build for create a big community to help each other. Without user help it's a useless project. We try to best to close to user and give them the best experience to our application. We ensure that we protect their information and don't give any public uses for bad purpose. Why a user uses our application, because it a clean UI, faster load time, easily contact to the right person. We will create an option to receive user feedback using email. It's a huge project and it was update day by day. So be a user they will be an important part of our project.

5.4 Testing Implementation

This project is tested the case with which the user interfaces can be used. Also checked the application or the product built is user-friendly or not. This website is comfortable with different parameters the flow, navigation and layout, speed and content especially in comparison prior or similar applications.

5.4.1 System Test

System testing has been carried out prior to installation and it is observed that the system works according to requirements as there is no problem [11].

5.4.2 Unit Test

Unit testing is a testing method by which individual units can be tested. So, this testing method is useful to check individual parts of the application. We have tried this testing method and got positive result [11].

5.4.3 Usability Test

Usability testing is technique used is user centered interaction design to evaluate a product by testing it on users. This can be seen as irreplaceable usability practice, since it gives direct input on how real users use the system [11].

5.5 Testing Result and Reports

In this part overall work testing and report will be discussed.

Testing results and reports of Compare Bazar

Test Case	Test Input	Expected Outcome	Actual Outcome	Result
Interface visibility	Tested desktop and mobile	Interface are display correctly	Interface are displayed correctly	Pass
Correct response for each button	Tested desktop and mobile	Display Correct Activity	Displayed correctly	Pass
Compare price	Tested desktop and mobile	Should compare price of products	Compared successfully	Pass
User subscription	Tested desktop and mobile	Should subscribe	Subscribed successfully	Pass
Admin should have a successful login in the system	Tested desktop and mobile	Successful login	Login Successfully	Pass
Admin should have a successful login in the system	Tested desktop and mobile	Successful logout	Logout Successfully	Pass

CHAPTER 6

CONCLUSION AND FUTURE SCOPE

6.1 Discussion and Conclusion

Compare Bazar is a web based service provider application. Our website is dynamic and user friendly. User can easily access all of our services. Finally we build our system. We do everything with honesty because we know honesty is the best policy. Our customers are satisfied with our services. CB will reduce user anxiety and save their time and money.

6.2 Scope for Further Developments

In this project we have a large scope to develop and working with this project. We try to listed some task which would be added in future

- More security ensures.
- More secure and convenient.
- More feature update.
- In future, we can add more services in my website.
- In future, we can add a licensed chat box in our website for instant help.
- In future, we can add a payment method.
- In future, we can add home delivery system.
- To create a mobile application for giving better user experience.
- We can make the web application more users friendly. Can be added voice commands technology.

6.3 Limitations

Through we try hard to do best but this project has some limitation. We try to list some limitations

- Without internet this system will not work.
- Online payment gateway should be added on our website.
- Online home delivery system should be added on our website.

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APPENDIX

Appendix A: Project Reflection

Survey Form for application

Survey Form :

Serial No	Query	Easy	Medium	Difficult	Very Difficult	N/A
1	How easy it was to use the web application ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	How easy it was to search for a specific product ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	How easy it was to find the price of a specific product ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	How easy it was to find a product from product category ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	How easy it was to compare the price ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	How easy it was to verify the product price ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	How easy it was to subscribe as a user ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	How easy it was to access all function in the application ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Appendix B: Related Diagrams

Plagiarism Check Report

