

# PROJECT REPORT

*An e-commerce website*



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18.12.2022  
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## INTRODUCTION

The purpose of this project was to develop a user-friendly and visually appealing e-commerce website that meets the needs of our target audience. Our target audience includes young professionals and middle aged people who are looking for stylish and affordable clothing and accessories. The market need for this type of e-commerce website is supported by the growing trend of online shopping, especially among younger consumers.

The e-commerce website we developed includes a range of features that are designed to enhance the user experience and drive sales. These features include a responsive design that is optimized for mobile devices, a user-friendly navigation system, and a secure checkout process.

## USER STORY

As a user of an e-commerce website, I want to be able to easily browse and search for products that are relevant to my interests, so that I can quickly find what I'm looking for. I also want to be able to view detailed product information and photos, so that I can make informed purchasing decisions. Additionally, I want the checkout process to be fast and secure, so that I can confidently and efficiently complete my purchase. Finally, I want to be able to easily access customer support, in case I have any questions or issues with my order.

### Use Case 1:

Mr. A need's to buy a Shoe. Who is new in the website.

He search for the website on google. After finding it he will enter the website and create a account for himself then he will go to home page and the he will choose the shoe section on shop. There he will find hundreds of product. After choosing one he will go to option of adding item to cart then he will choose the check out option. After checking out he has to give his address info properly. After giving all the necessary information he will pay the bill through an online payment gateway.

### Use Case 2:

Mr. B need's to change the quantity on the cart and add some new product.

### Use Case 3:

Mr. C forgets his password. He needs to change the password.

After Going to the website. User was unable to remember the last password he set. So what we got his back.

Just click on the Forgot password option. We will take you to the changing password page. Just give the necessary information and you are good to go . Set the new password and oala you are in !

## PROBLEM AND SOLUTION

1. The website is responsive by default if you use bootstrap and other toolkit but in

terms of some odd display aspect ratio like old monitor and laptop this feature malfunctions .

In order to fix this problem we need to change the website look and functionality manually using media query.

2. There is another problem in order to connect the database. As we are working on local machin not in cloud , we have to export latest sql file everytime any input works on that. So if another admin forgot to insert the old sql file there will be chaos in terms of managing the database.

For this we can switch to the cloud databasing or other dynamic dbms.

## FEATURES

### Front-end plan

There are some main templates in plan

1. Main page
2. Login page
3. Register page
4. Account page
5. Shop page
6. Cart page
7. SIngle product page
8. Checkout page
9. Order details page
10. Payment page
11. Contact page

### Back-end development

1. Account Creating, Password Recover:
  - a. Sign up form, verification by mobile or email.
  - b. Login

- c. Forgot Password
- 2. Section Management:
  - a. Orders
  - b. Order items
  - c. Payments
  - d. Products
  - e. users
- 3. Searching Facility:
  - a. Products search
  - b. Admin's contact search

### **Tools and Technologies:**

1. Server: XAMPP
2. Database : MySQL
3. Protocol: HTTP
4. Frontend design: HTML,Boots
5. Style: CSS
6. Back-end: PHP

### **ADVANTAGES**

There are some major advantages of E-commerce Systems:

Interoperability, accessibility, reusability, adaptability, durability and maintenance ability, which in themselves constitute the concept of E-commerce System.

1. The E-commerce System supports content in various formats: text, picture, video etc.
2. Users can access materials anytime and anywhere, only admins can modify the contents and users can see the updated materials.
3. The process of buying products are easier and fair, there is no bargaining option.
4. Users and admins can re-use the system every time they need.
5. Users can see the product's price and buy them with this software. If users want to avoid hassles to buy products from markets, he will surely go for an E-commerce website. Users can add products to the cart easily here.

## DISADVANTAGES

Users can choose their products from E-commerce site by watching the product's picture, size, video and rating. He can not be able to justify his product's quality by himself.

## COLLABORATION

NAME	ID	PART
Sabbir Ahmed	2013303642	Front End, Backend
Kazi Sajid Ahmed	2013388042	Front End, Backend

## GitHub CONTRIBUTION

There is two people in our group including myself. We are both working on frontend and backend together. You can see our collaboration details on the github link given below:

[https://github.com/SAshourav/CSE311.Sec.3\\_Fall22\\_RIH\\_Ultron\\_A](https://github.com/SAshourav/CSE311.Sec.3_Fall22_RIH_Ultron_A)

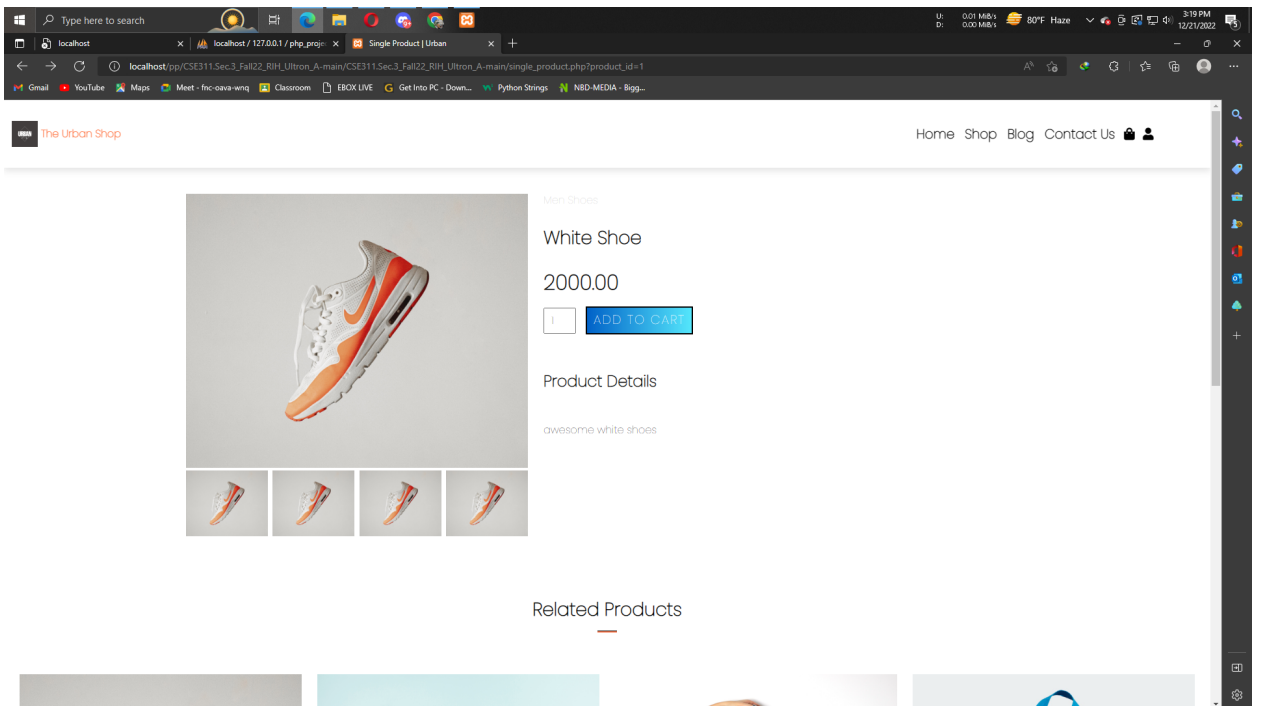
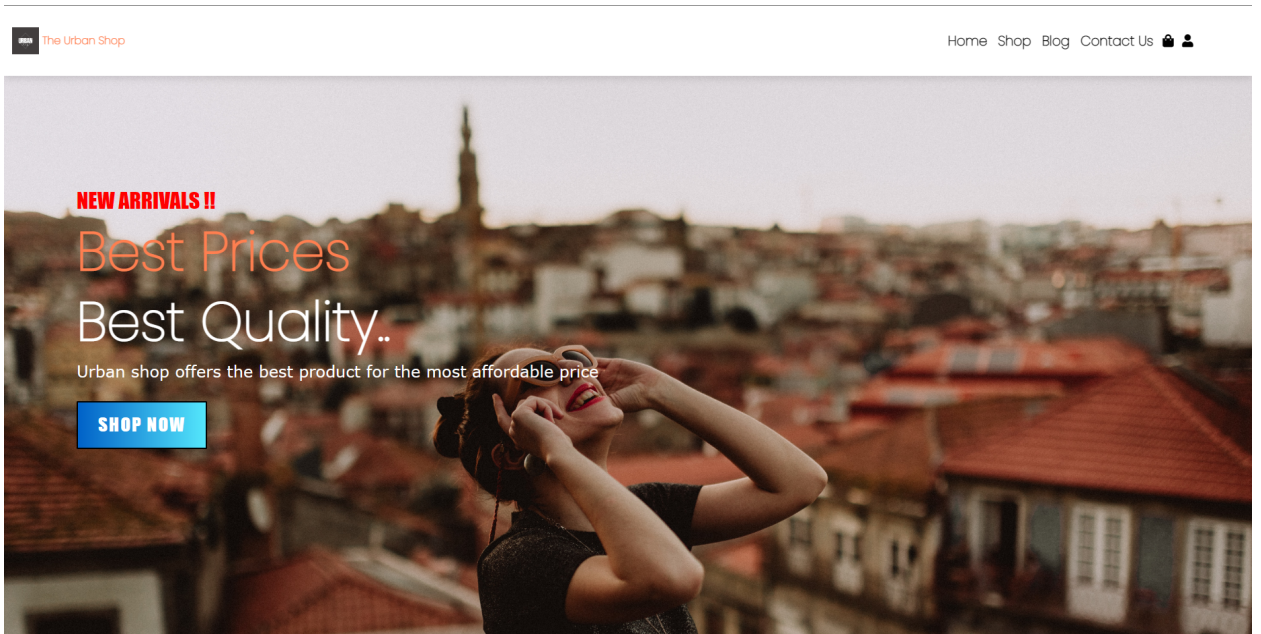
## BUDGET AND PRICE

There are some big expenses behind this project . Link UI design , Front End development, Database Design, Optimization , SEO.

SL	Work	Expense
1	UI Design	XXXX
2	Front-End Development (HTML,CSS)	XXXX
3	Back-End Development (PHP)	XXXX
4	Database Design (MySQL)	XXXX
6	Optimization	XXXX
7	SEO	XXXX

## SCREENSHOT AND DEMO

Here are some picture of the website and database.





## Check Out

Name


E-mail

Phone

City

Address

Total amount : Tk.2000



We provide the best products for the most affordable prices

### Featured

- MEN
- WOMEN
- BOYS
- GIRLS







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phpMyAdmin

Server: 127.0.0.1 • Database: php\_project
 

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[Central columns](#)

Recent
 Favorites

New
 Information\_schema
 mysql
 performance\_schema
 phpmyadmin
 php\_project
 New
 orders
 order\_items
 payments
 products
 users
 project
 shafin
 test

Filters
 Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> orders		1	InnoDB	latin1_swedish_ci	16.0 K1B	-
<input type="checkbox"/> order_items		1	InnoDB	latin1_swedish_ci	16.0 K1B	-
<input type="checkbox"/> payments		0	InnoDB	latin1_swedish_ci	16.0 K1B	-
<input type="checkbox"/> products		6	InnoDB	latin1_swedish_ci	16.0 K1B	-
<input type="checkbox"/> users		1	InnoDB	latin1_swedish_ci	32.0 K1B	-
5 tables Sum		9	InnoDB	utf8mb4_general_ci	96.0 K1B	0 B

☐ Check all
 With selected:

Print
 Data dictionary

Create new table
 Table name:
 Number of columns: 4

Console

## CONCLUSION

We have successfully implemented the site ‘Urban Shop’. With the help of various links

and tools , we have been successful in our attempt to take care of the needs of both users as well as the admins.

We have used sql for the project requirement , where i will suggest some other dbms such as mongo db. There were some issue some bug , we had hard time to fix. The database logic and operation are also a critical issue which is needed to be take care carefully.

## BIBLIOGRAPHY

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4. [www.codeigniter.com](http://www.codeigniter.com)
5. [www.stackoverflow.com](http://www.stackoverflow.com)
6. [www.fontawesome.io](http://www.fontawesome.io)
7. [www.php.net](http://www.php.net)
8. Wikipedia

## APPENDIX

### Contact Information

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